

<210> 5969  
 <211> 2151  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2152)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2065)...(198)  
 <223> similar to gi3319931 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5969

gcccgcggta	gtaaacctgg	atccttttaa	acggccccc	cttttttttt	tttttaattgg	60
caaataagatt	taatgcagag	tgtcaacttc	aattgattga	tagtggtgc	ctagagtgc	120
gtgttgagta	ggtttctgag	gatgcaccct	ggcttgaaga	gaaagactgg	caggattaac	180
aatatctaaa	atctcacttg	taggagaaac	cacaggcacc	agagctgcca	ctggtgctgg	240
caccagctcc	accaaggcca	gcgaagagcc	caaattgtgag	agtggcggtc	aggctggcac	300
cagcactgaa	gccaccactg	gtgctggcac	tggcactggc	actgttattg	gtactggtac	360
tggcaccagt	gctggcactg	ccactctctt	gggctttggc	tttagcttct	gctcccgcct	420
ggatccgggc	tttgcccag	ggcccgatat	cagcttcgtc	ccagttgcag	ggcccggcag	480
cattctccga	gccgagccca	atgcccattc	gagctttaat	ctcggcccta	agccttggtc	540
tccaaggtga	gcctcagctt	gcagccttca	aaatccgctt	ccattcgccc	cttnctttcc	600
cgggggggga	ctgagctgcc	cattcccttt	ggatcccttc	ttttgtacct	ttgcaggcaa	660
acttgaagga	ctttcatctt	tgtgtgtcct	catagtaaga	gcgcaggccc	ccagaagaac	720
tcatattcaa	ggggaattgc	tatgggggac	tctggcatag	tcccaggtag	ttctgcttca	780
caaacctcat	cagtgatgag	cttccttcac	gtcccccaag	agttgaatga	tgtatcccca	840
ggcgcagccc	caaacttggc	gcagcacctc	ccagatgaca	gcctcacttg	gaccgatttc	900
cattcattga	agatgatgct	aagaagcacc	atgagcagac	ccagcttggg	tgagtccctta	960
gtcgttccca	gtatgcctgc	atcagtgggc	tctaagggtgc	tgagaagaat	gtacaagtgg	1020
tcattcttat	caatttcctt	caattgaatc	ccaaataacct	tcttccaagg	aatagcctgc	1080
tcgttcaaat	gatttcgggg	tacacatcag	tgtattcttt	gatgatgtcc	ttcagcatgt	1140
tccgagcgct	tgatgggaat	cttcgtctgg	tcttttagcca	aaaggtagct	caccaaattc	1200
atttgccctc	ccttgcaaaa	gggccacatc	cccaagntgg	tgggtgcttca	ggctcttggg	1260
atgaactgga	acttggcaac	tctaacggcg	aagccccttt	gcctacgggc	tttaagggtga	1320
tctccaaggg	gagagcaaag	gctctccggg	cccaaagcaa	gccaaaccgag	tccttgatgc	1380
cctgcggggc	caaaaggcta	tgggaccctt	tgaagccctg	cggggcattg	aggccattag	1440
agcctttgag	acccttcggc	cacctgtggt	tccagaagcc	tgactctgat	cactgctgcc	1500
atcctcttcc	ccatccagat	gcttcacctt	tcgggctttc	ttggctttga	ccttggggccg	1560
agtatcctga	ttctcctgag	actgggcagc	tgcactctca	ggctcaggtt	catctgctgg	1620
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ctgagtagta	gatgaggcct	gggtggcagg	tgcctcccga	gcctctgggg	tctttgagac	1860

ctctgtggcc	tttgagaccc	cagaggcttt	tgagaccttc	acatcctctg	agacctccag	1920
tgcccttgag	gccttcgggtg	tctctgggac	ctccacattc	tgggtcactg	tcaacagagt	1980
ctgcatcacc	gagctactgt	ccttttctga	agcttcagcc	tggaagcgag	ttagacctgc	2040
accactctcg	cttgtgtcag	acatgtctca	atttggcctg	gcaagagctg	agcctcgtcc	2100
tctacaatt	ccogagtgcg	tccactcact	ccaagccctc	ccgaagctcg	g	2151

<210> 5970

<211> 1790

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (356)...(1535)

<223> similar to gi987265 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5970

gataagcttg	atatcgactt	cgtgttcctg	ggtttccttg	gcgctgcggc	cgccgctccc	60
tctgcaactg	tatgaggagg	aggaggagga	ggatgtgaag	atggcggagc	tgcatatgct	120
gctggaagag	gaaatcccg	gggggcggcg	ggccctcttc	gacagataca	caaactctgga	180
acgggtggcc	gattactg	agaacaacta	catacagtca	gcagataagc	agagagccct	240
agaagaaacc	aaagcctaca	ccaccaatc	cttagcaagt	gttgctctatc	tgataaacac	300
cttggaacac	aatgtcctgc	agatgtctgga	tatccaggca	tcccagctac	gaaggatgga	360
atcttcaatc	aatcatattt	cacaaacagt	tgatattcat	aaagagaaag	ttgcaagaag	420
agaaattggt	atcttgacta	ccaataaaaa	cacttcaagg	acacataaga	ttattgctcc	480
agccaacctt	gaacgaccag	tctgttatat	tagaaaacct	attgactata	caattctaga	540
tgatattgga	catggagtaa	aggtgagtac	ccagaacatg	aagatgggtg	ggctgccg	600
tacaacacct	ccaactcaga	agccccctag	tccccctatg	tcagggaaag	ggacacttgg	660
gcggcactcc	ccctatcgca	cactggagcc	agtgcgtcct	ccagtgggtac	caaattgatta	720
cgtacctagc	ccaacccgta	atatggctcc	ctcgcagcag	agccctgtga	ggacagcttc	780
tgtgaatcaa	agaaatcgaa	cttacagcag	cagtgggagt	agtggaggga	gccacccaag	840
tagtcggagc	agcagtcgag	agaacagtgg	aagtggtagt	gtgggggttc	ctattgctgt	900
tctactcca	tctcctccca	gtgtctttcc	aggtcatcct	gtacagttct	acagcatgaa	960
taggcctgcc	tctcgccata	ctcccccaac	aatagggggc	tctgtgccct	atagacgccc	1020
tcttccatt	acttcacaaa	caagccttca	gaatcagatg	aatggaggac	ctttttatag	1080
ccagaatcca	gtatctcttg	ctcctcctcc	tccctccatc	ctacaggtaa	ctcctcagtt	1140
acctttaatg	ggatttgtgg	ccagagtcca	agaaaatatt	tcagatacac	cacctccacc	1200
gccacctgtg	gaagaaccag	tctttgatga	gtctccccca	cctcctcctc	ctccagaaga	1260
ttacgaagag	gaggaagctg	ctgtgggtga	gtatagtgat	ccttatgctg	aagaggaccc	1320
accgtgggct	ccacgttctt	acttggaaaa	ggttgtggca	atttatgact	atacaaaaaga	1380
caaggaagat	gagctgtcct	ttcaggaaga	agccattatt	tatgtcatca	agaagaatga	1440
cgtatgggtg	tattgagggg	agtttatgaa	ttggagtga	ttgggttttt	ttcccgaggaa	1500
ttacgttgag	tctattcatg	cattattctg	agtaaaagtc	agcagggtctg	tgcttgcttc	1560
acaggaatag	tcaggtcttc	ccagattatc	tgaaggccct	ggggattcca	ctccagtaaa	1620
gtagaatgaa	ggatacaaat	gataaaaatt	acactttttt	tttgggttat	tccccagtat	1680
taaaaacaaa	gcaagctgag	tctgaacaaa	tggatctttc	tgccatcatt	tgtacaatgc	1740
tgagctgtct	ggattgaaat	aaaatgacca	tttttatgta	tgtcaaaggt		1790



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<210> 5971
<211> 2533
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(2243)
<223> similar to gi3005087 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5971
ggaattcccg atcgggagcc atgagcgtgg acaaagctga gctatgcggg tctctgctca      60
cctggttaca gacgttccac gttccgtctc cctgtgccag ccctcaggac ctgagcagcg      120
gccttgccgt agcctatgtg ctgaaccaga tgtgagtggg gctgaagggg aggatcccaa      180
aagtgtcccc cagtctgtct atcccacctt ctgccccca gagaccctc ctggttcaac      240
gaggcatggc tccagggcat ctcggaagat ccagggtcca actggaagct gaaggtcagc      300
aatctgaaga tggctttacg gagcctagta gagtactccc aggatgtcct ggcgcaccc      360
gtgtcagaag agcatctccc agatgtgagc ctcatggag agttctcaga cccggcagag      420
ctcggaagc tgcttcagct ggtgctgggc tgtgccatca gttgcgagaa aaagcaggac      480
cacatccaga gaatcatgac gctggaagaa tcggttcagc atgtggtgat ggaagccatc      540
caagagctca tgaccaaaga cactcctgac tccctgtcac cagagacgta tggcaacttt      600
gacagccagt cccgcaggta ctatttccta agtgaggagg ctgaggaggg ggacgaatta      660
cagcagcgct gtctggatct ggagcggcag ctgatgctcc tgtcagagga gaagcagagc      720
ctggcgcaag agaatgcagg gctgcgggag cggatggggc ggcctgaagg cgaggggtacc      780
ccagggtctc ctgccaagaa gctgctgctg ctgcaatccc agctggagca gttgcaggag      840
gagaacttca ggctggagag tggcagggag gatgagcgcc tgcgctgtgc cgagctggag      900
agggaggttg cggagctgca gcaccggaac caggcgctga ctagcctggc ccaggaggca      960
caggccctga aggatgagat ggatgaacta cggcagctct cggagcgtgc tgggcagctg     1020
gaggccacgc tgaccagttg ccggcgccgc ttgggcgagc tgaggagct gcggcggcag     1080
gtgcggcagc tggaggaacg caacgccggc cacgccgagc gcacgcgaca actggaggat     1140
gagctacgcc gagcgggctc cctgcgcgcc cagctggagg cgcagcggcg gcaggtgcag     1200
gaactgcagg gccagctgca ggaggaggcc atgaaggccg agaaatggct atttgaatgc     1260
cgcaacctgg aggaaaagta tgagtcgggtg acaaaggaga aggagcggct gttggcggag     1320
cgggactcct tgcgggaggc caatgaggag ctgcgctgcg cccagctgca gccgcggggg     1380
ttgaccagg ccgatccctc actggatccc acctccacac ccgtggataa cttagccgca     1440
gagatcctgc ctgcgagct caggagagac ctccctgcggc ttcagctgga gaacaagcgg     1500
ctgtgcaggc aggaggcggc cgaccgggag cggcaggagg agctgcagcg ccagctggag     1560
gatgccaacc gcgcgcgcca cgggttggag acgcagcacc ggctgaacca gcagcagcta     1620
tccgagctgc gggcccaggt ggaggacctg cagaaagccc tgcaggagca ggggggcaag     1680
actgaagatt ccattttgct gaaaaggaa ctggaggaa atttgcagaa gcttcatgag     1740
gcagatctgg agttgcagag gaagcgggag tacattgagg agctggagcc acccactgac     1800
agcagcacag cccggcggat cgaggagctg cagcataact tgcagaagaa ggacgcggac     1860
ttgcgggcca tggaggagcg ataccgccg tacgtggaca aggcccgcat ggtcatgcag     1920
accatggaac ccaagcagcg gccagctgcg ggggcacctc cagaactcca ttccctgagg     1980
acacagctcc gagaacggga tgtccgcata cgacacctgg agatggactt tgagaaaagc     2040
cgaagtcagc gggagcagga agaaaagctg ctcatcagtg cctggtataa tatgggcatg     2100
gccttgacgc agcgagctgg ggaggagcgg gcgcctgccc atgcccagtc attcctggca     2160
cagcagcggc tggcaaccaa ttctcgccgt ggacccttgg gacgcctggc atctctgaac     2220
cttcgcccc ctgacaagca ctgacagacc tcacaatcaa gccagcctgg gctccacca     2280
ccctggcttc ctccagctca catggcgccc agcactgggc ttcagccagg tgctcgagag     2340

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ctttgaggcc	atgatctctg	ctcttccctc	tcccagattg	gtggggaggg	agggcgaggag	2400
gtagatatag	gcctgttctt	tttagcaatg	tgattcttgt	tggtgattct	ctctctggag	2460
ttcatgtgct	gcctcaggag	actctgattt	tatatttgag	aaaaataaag	gcgttcaatc	2520
tgcaaaaaaa	aaa					2533

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<210> 5972
<211> 1610
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1332)...(297)
<223> similar to gi29715 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5972						
tttttttttt	ttgaaattaa	atthttattta	aacagggtaaa	aattttatata	tcctttttaa	60
aacgaaaatg	caaagtcagt	aagtgaatca	ataatataaa	cctattttata	gcagtaatta	120
aaatagaggt	aacattttacc	agtgtgaaaa	tatcacagaa	ttcaaatacac	actcggatct	180
tcaatgatgc	gagtgtgtat	ccgacacagc	gggggctggg	agactgaaga	tgaattcctc	240
ccatgcattc	gccatcccca	gtcaagtctt	tcctcatcac	cgtccaccag	ctcacacagt	300
ggggtagctg	gctgctgagg	caattccaca	atgggtttctc	cgggtctttgg	ccatctttac	360
gtagccaccc	atgccccatt	cttcacccca	gctgtttcttc	accagcccaa	tattttattgt	420
tatccggatt	ctgtgctttc	aaattccgta	gccaaaccaa	ccagcaacaa	cccatgaatc	480
catggtcttc	aactgcttac	aggtctgggt	ccaaaataaa	atgccttctt	tataggaaca	540
ggaaggactc	atggacctgc	catcaaatag	ccaaacagaa	aatgggcccc	cacagttggc	600
aactggcctt	catcagggcc	cttctcctgc	cttaagggat	gtcccacaaa	gccggtgtca	660
ttagcaacag	gataccttgg	gattgtactt	acaggattct	tctgttgctt	caatatggat	720
aggattcctc	gagagtccag	ggcctccatt	atcctgaaca	tactggaaag	cataatccat	780
taggccacc	attgcagcct	tccattgctt	tgaggcccat	gagcagtcta	accagattct	840
gtcactcag	tgagataagc	ctccccagtt	ttccggaaca	tctgtccttt	aagagcacca	900
gtagcactaa	aagcccaaca	agaaccacac	tgaccctgat	tcttcacagg	agtcacgtag	960
cctttctctc	tccaatccac	agatctgggg	gcctcataaa	acagagggttc	ctggaacact	1020
ttcccccttc	tgggcttacg	gttttgaaaag	ccattcatca	cctgcctgaa	ttcttcactg	1080
gtcatgtctc	caaaggcggt	catggccatt	gtgaagctgt	gtttcccttc	cctgtattcc	1140
tgattgtgca	gttcaatcat	cttcatgttc	ttctcccaca	ctgctctcct	ccatccttct	1200
tcattcatgc	cgtataatct	gttgtgcate	gccttccact	tggtccactg	tgctctataa	1260
ctgtgatcaa	atgttagagt	agctgaggca	attcccaggc	aaaaggcagc	aaggatgagt	1320
gtaggattca	tgthtttaaaa	cctgtgtcca	cccggctcgg	aggctggcct	gcccgtctaa	1380
ccagtcacgc	gcctccgcgg	ggtcctcaac	tgccctcccc	ggcttcccca	cctcaaggcc	1440
agcagagttc	ggggtagacg	ctctcgttgc	cagggtctgg	gcacacctac	tcgaccgcgt	1500
cctctcttcc	agtccctgtc	cggccacagc	tgggcctggc	cggcggcgct	ttcctgctgc	1560
ggtcgtagct	gcgcaggcgc	actccacgga	tgccgctcaa	ggttgcgagg		1610

<210> 5973

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<211> 1485
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (217)...(872)
<223> similar to gi871887 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 5973
ggccagcaac aagttagtat tgcagacatg ggccaaggag ccagaggcca tgcagtggct      60
cagggtcctg gagtcgcctg gggaggccac aggacacagg gtcacccatgg ggacagccgc      120
cctgggtccc gtctgggcag cgtccctgct ctttctcctg atgtgtgaga tccctatggc      180
ggagctcacc tttgacagag ctgtggccag cggtgccaa cggtgctgtg actctgagga      240
ccccctggat cctgcccatt taccctcagc ctcttcctcc ggccgcccc acgccctgcc      300
tgagatcaga ccctacatta atatcaccat cctgaagggt gacaaagggg acccaggccc      360
aatgggcctg ccagggtaca tgggcaggga ggggtcccaa ggggagcctg gccctcaggg      420
cagcaagggt gacaaggggg agatgggcag ccccggcgcc ccgtgccaga agcgcttctt      480
cgccttctca gtgggcccga agacggccct gcacagcggc gaggacttcc agacgctgct      540
cttcgaaagg gtctttgtga accttgatgg gtgctttgac atggcgaccg gccagtttgc      600
tgctcccctg cgtggcatct acttcttcag cctcaatgtg cacagctgga attacaagga      660
gacgtacgtg cacattatgc ataaccagaa agaggctgtc atcctgtacg cgcagcccag      720
cgagcgcagc atcatgcaga gccagagtgt gatgctggac ctggcctacg gggaccgcgt      780
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ctacatcacc ttcagcggcc acctcatcaa ggccgaggac gactgagggc ctctgggcca      900
ccctcccggc tggagagctc aggtgctggc cccgtcccct gcagggtctc gtttgactg      960
ctgtgaagca ggaaggccag ggaggtcccc ggggacctgg cattctgggg agaccctgct     1020
tctatcttgg ctgccatcat ccctcccagc ctatttctgc tcctctcttc tctcttggac     1080
ctattttaag aagcttgcta acctaaatat tctagaactt tcccagcctc gtagcccagc     1140
acttctcaaa cttggaaatg catgcgaatc acccgggggt cgtgtttaaatt gcagattctg     1200
actcagcagg tctgagtggg tccaggattc tgtgtttctc atatgttcct gggatgatgt     1260
gatggggtca gtctatgaac cacactggag caaccagggt ctaggacttt ctcaatatc     1320
tagtactttc tgaacattct ggaatcctcc ccacattcta gaattctccc aactactagg     1380
gaggctgagg caggagaatc gcttgagcac aggaggcgtt ggctgcagtg agccaagatc     1440
acgccactgc actccagcct gggtacaacg agcgaaacta tcgcc                               1485

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<210> 5974
<211> 1910
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (86)...(1305)
<223> similar to gi4454263 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 5974
cgggcgcgta gcccgcgcgc ggagcgtacc ctgctgcggc cgttgcccgtagcgcggt 60
tcggcgggttg tcttgagaa gcaagatggc ggcgacggcg gccgcagtgg tggccgagga 120
ggacacggag ctgcgggacc tgctggtgca gacgctggag aacagcgggg tctgaaccg 180
catcaaggct gaactccgag cagctgtgtt tttagcacta gaggagcaag aaaaagtaga 240
gaacaaaact cctttagtta atgagagcct gaaaaagttt ttaaatacca aagacggtcg 300
tttagtggt agtcttggtt cagaatttct tcagtttttt aaccttgact ttactttggc 360
tgtttttcaa cctgaaacta gcacatatct taacttcttt tctagctgca aggtctcgaa 420
ggtcgagaga atttagcccg agatttaggt ataattgaag cagaaggtag tgtgggtgga 480
cccttattat tagaagtgat caggcgtgt caacagaaag aaaaagggcc aaccactggg 540
gaaggtgcac ttgatctatc tgatgtacat tctccacca agtcaccaga gggaaaaaca 600
agtgcacaga caacaccaag taagatacca aggtataaag gacaaggtaa gaagaagaca 660
agcgggcaga aggtcgtgta caagaaggcc aatgatgagg ccaatcagag tgatacaagt 720
gtctccttgt cagaacccaa gagcaaaagc agccttctact tactgtccca tgaaacaaaa 780
attgtatctt ttctaagcaa cagaacttta gatggcaaag acaaagctgg cctttgtcca 840
gatgaagatg atatggaagg agattctttc tttgatgatc ccattcctaa gccagagaaa 900
acttacggtt tgaggaagga acctaggaag caagcaggaa gtctggcctc gctctcggt 960
gcacccccct taaaaagtgg actcagctcc ctggcgggag ccccttcttt aaaagactct 1020
gagagtaaaa ggggaaatac agttttgaaa gatctgaaat tgatcagtga taaaattgga 1080
tcacttggt taggaactgg agaagatgat gactatgttg atgattttta tagtaccagc 1140
catcgctcag agaaaagtga gataagtatt ggtgaagaga tagaagaaga cctttctgtg 1200
gaaatagatg acatcaatac cagtgataag cttgatgacc tcacacaaga tctgactgta 1260
tcccagctca gtgatgttgc ggattatctg gaagatgttg catagacacg aagaaggaag 1320
tattctaatt aacaaggaca gaggactgac cggttccatt tttttttttt tccaaacaat 1380
cactcagctg gaagggcggc tctctattgg ggccttgcat ttcaaaaacc ctgcagattt 1440
tttttaaaag aaattttcat ttactaaac aaaatacttc ctatttgagc ccatgggggg 1500
aaaatttaatt attcttaatt taactgtaca tttctttatg gaaatggatt atctacactc 1560
agtttcatta cagggaagga acctatgaaa acatcagtg taagagcatg atgaaagggtg 1620
tcaataaagc cgtaggatcg cgcaaccctt tgtgtgtgtg gctgctggta cgtgtgatct 1680
ttgaaaacct tggcttttagc cctctggaat cagagcttac ccaccatagt atattttgat 1740
attaggtggt tctacacata gttggcaaaa tgacttggtg aatttgtaat gctgaagtat 1800
attagtataa gttaaatttg atgtgtcaac tttattttgt atttccttcc atttggaagg 1860
tttgtagac cattaagggt atattaaagt actcttggtg gtgctaaaaa 1910

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<210> 5975

<211> 1238

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (925)...(157)

<223> similar to gi4894624 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 5975
cccccttttt ttttttttta aagttacaga tagtatttaa ttggttactg tgatatcata 60
gaaataccaa gaatcataaa agtaaaaaaa gctgctaagt tgtacataat gtttccggaa 120
tactaagaag ttgctgctgg tctacagagc cctgggaggt gacggtgagg atggtcccaa 180

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gagggcgacg	taggggtcact	ggccccgggtc	ctgggtgcctc	ttgccttttgc	ctttctttttt	240
cttggttcttt	ggccgaggct	tcaaggcgca	ataaaacagg	cggaccctcc	agcgatggcc	300
ttgggcaggt	cgacgcccct	gctccacttg	tgggcctcgc	ggtcgtacac	ctgcacggtc	360
ttggagaagg	cagtgttctc	ccagctgtag	ccgcccagga	tgtagatgcg	gccctccac	420
actgccacgc	ccgactcgct	gttggcggtc	agcagcggcg	ccacgcgggt	ccactggttg	480
cactgcgggc	tgtaggcctc	cacgcccagc	acgtcgaagc	gctccatgga	ctcgatgttg	540
tcatcgctgc	ccccgatgga	gtagatgctg	tcaccaggc	tgcacatgct	gtgccagccg	600
cgcgcctgg	tcatgggccc	ccgctcctcc	cacacgtctg	tccggtggtc	gtagcatagc	660
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ttgtagatgg	tggcgcgctg	gccgtacgtg	aaccttgcca	agccggccac	ataggaccag	780
gagtcagtct	tgggactgta	cgtctctact	gaagagagcg	ctccgttctc	attccggccg	840
cgatggccac	cagcatgtct	tcgatggagg	caaggtagaa	atccacacgg	cgctggttca	900
tggaggccac	ctgaataaag	agggcttctt	caggtgggag	ctctgagccc	ccgaggtttc	960
accaagatgc	tctgaatccc	caaaagtggg	atggagacgc	tctgagtcct	caaaaggggg	1020
atggagatgc	tctgaacccc	cgaacttgct	tggtcatgtc	gtcagccgcg	tggatgggaa	1080
ctctgtggtc	acaggggtca	gaattgctga	tctagtggct	ttatgaaata	aaaattcatc	1140
tttctctccc	ccacatcaga	tttgtaaaga	aagagatgct	ctgccactcc	gtgttaacag	1200
agcaggacgt	ggcatgggac	gcgtgggtca	acccaaga			1238

<210> 5976

<211> 1869

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (31)...(1398)

<223> similar to gi780310 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5976

gcgcggcctc	ctgtctgcac	cggcagcacc	atgtcgtcga	cggtcgtcag	catggcggtgc	60
gttgggttct	tcttgctgca	gggggccttg	ccactcatgg	gtggtcagga	caaacccttc	120
ctgtctgccc	ggcccagcac	tgtggtgcct	cgaggaggac	acgtggctct	tcagtgtcac	180
tatcgtcgtg	ggtttaacaa	tttcatgctg	tacaaagaag	acagaagcca	cgttcccatc	240
ttccacggca	gaatattcca	ggagagcttc	atcatgggcc	ctgtgacccc	agcacatgca	300
gggacctaca	gatgtcgggg	ttcacgcccc	cactccctca	ctgggtggtc	ggcaccacgc	360
aacccccctg	tgatcatggg	cacaggaaac	cacagaaaac	cttccctcct	ggcccaccca	420
gggccccctg	tgaatcagg	agagacagtc	atcctgcaat	gttggtcaga	tatcatgttt	480
gagcacttct	ttctgcacaa	agaggggatc	tctaaggacc	cctcacgcct	cgttggacag	540
atccatgatg	gggtctccaa	ggccaatttc	tccatcggtc	ccatgatgct	tgcccttgca	600
gggacctaca	gatgctacgg	ttctgttact	cacaccccct	atcagttgtc	agctcccagt	660
gatccccctg	acatcggtgg	cacaggtcca	tatgagaaac	cttctctctc	agcccagccg	720
ggccccaagg	ttcaggcagg	agagagcggt	accttgctct	gtagctcccg	gagctcctat	780
gacatgtacc	atctatccag	ggagggggga	gcccataaac	gtaggctccc	tgcagtgcgc	840
aaggtcaaca	gaacattcca	ggcagatttc	cctctggggc	ctgccaccca	cggaggggacc	900
tacagatgct	tcggctcttt	ccgtcactct	ccctacgagt	ggtcagaccc	gagtgaacca	960
ctgcttggtt	ctgtcacagg	aaacccttca	agtagttggc	cttcacccac	agaaccaagc	1020
tccaaatctg	gtaacctcag	acacctgcac	attctgattg	ggacctcagt	ggtcaaaatt	1080
cctttcacca	tcctcctctt	ctttctcctt	catcgctggg	gtccaacaa	aaaaaaatgc	1140

tgctgtaatg	gaccaagagc	ctgcagggaa	cagaagtga	cagcgaggat	tctgatgaac	1200
aagaccatca	ggaggtgtca	tacccataat	tggaacactg	tgttttcaca	cagagaaaaa	1260
tcactcgccc	ttctcagagg	cccaagacac	ccccaacaga	taccagcatg	tacatagaac	1320
ttccaaatgc	tgagcccaga	tccaaagttg	tcttctgtcc	acgagcacca	cagtcaggcc	1380
ttgaggggat	cttctagggg	gacaacagcc	ctgtctcaaa	accgagttgc	cagctcccat	1440
gtaccagcag	ctggaatctg	aaggcgtgag	tcttcatctt	agggcatcgc	tcctcctcac	1500
gccacaaatc	tgggtgcctct	ctcttgctta	caaatgtcta	ggccccact	gcctgctgga	1560
aagaaaacac	actcctttgc	ttagcccaca	gttctccatt	tcacttgacc	cctgcccacc	1620
tctccaacct	aactggctta	cttctagtc	tacttgaggc	tgcaatcaca	ctgaggaact	1680
cacaattcca	aacatacaag	aggctccctc	ttgacgtggc	acttaccac	gtgctgttcc	1740
accttccctc	atgctgtttc	acctttcttc	ggactatttt	ccagccttct	gtcagcagtg	1800
aaacttataa	aattttttgt	gatttcaatg	tagctgtctc	ctcttcaaat	aaacatgtct	1860
gccctccaa						1869

<210> 5977

<211> 1604

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1605)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1518)...(712)

<223> similar to gi200545 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5977

tttttttttt	tttgtgtttt	tttgtttttt	ttttttttnt	tcgtgggtatt	gcaaaataaa	60
tttatttgaa	gataaactgt	cttataaaag	gtcagaggca	atttgagatc	ccagattcag	120
cttgtctcat	aaaaagattc	aacttcaagt	agcacaattt	cttgtctgct	tttaatcctg	180
aacattcttg	aagcacgaaa	cagccaactg	tttacacaac	acatctgtga	catctgactc	240
tggcaccagt	ggcgccgcag	ctttcagctc	tgaggcccca	cgggctgcag	ccctcagctt	300
tgggagggcc	cagatcaggc	cactgtgacc	tctggctttg	ccagcaacaa	caggtcccag	360
catcccagcc	cttccctccc	ctggcacctc	ccaaaagcac	aagaatgcaa	accgagactg	420
gcccaccact	gaggcagggg	tggactcccg	cttgagtgtg	ccaacagggc	gggtggactg	480
tcctgggtgac	ttcctgggtg	gcctggccaa	ccaagaggcc	aagtggcctc	accaggcctt	540
acctggctgc	ctggcagccc	ggagaggaag	gaggaaggac	gtcacgggtg	cgacagctct	600
ggccacgctg	gcgggagcta	cgtgatgata	ctggcgatgg	cttgcaggga	ggggaagtgc	660
tcgtcccggg	cagcatgcag	cgctgggtgg	ctgctggcat	cgccatgcgc	gagcacctgc	720
tggcaggtgg	ggcacacacg	gcagtccagg	ccgcctgct	gggtgggtggc	ctgccacgcg	780
ctcttcttgt	tcttcttgga	cttgggtgct	agaggcttct	cgcggttgca	gaagtccgtg	840
tgtgcagaca	ggagctcctg	ctgcttggcc	gtgtcgggca	gcaggaccag	cagctcatta	900
aagaccttct	ggaaattctc	ccccagcagg	tcccggcaac	tcttgtaata	ctgggctgcg	960
gagatcaggc	cctgtctgaa	ctcccctgag	tggctcttga	actcgtgaa	gcgggcctcg	1020
tcgctctgca	ggaagtcctt	gatggactgg	atgagctgaa	ggttcctctc	ccggaagttc	1080
tcggggacta	ggtagggccc	tggggcaggc	agcagcctgg	gtgcttttgt	gggtgggtgg	1140

gtggcggggc	tggggacaca	ggccgggtgg	gggctaggca	gaaggccaga	gaagccaggg	1200
ggcggcttgc	tgattggggg	caccaggccc	ggcgggggtg	ggggaggcgt	gcccttcagg	1260
agcaccacag	cgctgaagcc	tggggacggc	ggcatccggg	gtgggcaggg	gccgccgagc	1320
gctgggaagt	cctcctgtgg	cgtggggcag	gggaaggacc	ccaggggcct	tgggagccca	1380
gggggttcct	tgggggcact	ccgagcaggg	gccggggcct	ccgtgtgtcc	attaacgacg	1440
acggcaactg	gcccctcggc	tctgctggca	ggagcttccg	gggcctgcaa	agcccctggg	1500
ggacaggtac	gcggccgggg	gctgtggcaa	tgtggtgcct	gaattatccg	agccctcttt	1560
cttcttcttc	ccaacttttag	cggacgcgtg	ggtcgaccag	ggaa		1604

<210> 5978

<211> 650

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (424)...(634)

<223> similar to gil196424 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5978

ctcgaccac	gcgtccgttc	tgaactcgct	tcttacctca	cataattcct	gccttaaaat	60
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gggccagtga	tgaccttaat	agactctcct	gaaccttttt	tggctctctcc	agtctttgat	180
tgtcctgtaa	catttctggg	ggcttatccg	ggattggaga	tggcagattt	tctgtcttct	240
ttgcctgtgg	gctagagccc	caggatgtgg	gagatctggg	gtccttggca	ccgctgggag	300
agtttcagcc	tggaaaggaga	atggccctcc	cgcattccag	agccttcccc	tgacagcacc	360
aaaggaacca	gtggaaaagg	ttgcaggaca	gtcacaggag	cagtgcacag	acatctgaac	420
catgttgcag	gtatcatacc	ttgggttctt	catagccagc	tgaaaccaac	agcagccact	480
gcccaggacc	agtggaccag	tcaacaatac	ccagaccacc	caacacggct	gacacctacag	540
tgaaatcaag	ccactgctga	caagaacaac	tgaacaactg	ccctgctcca	accacaccag	600
aggctgggtc	agtccacgca	tggctgaagc	ttaaggaaac	atcgagcccc		650

<210> 5979

<211> 1361

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1335)...(842)

<223> similar to gil710229 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5979
cagttcttaa acatatgaca gcatatccat ataaaaatga aaaatctttc agctttatgc      60
ctctatcaaa ggccaacaca tatcttcatg gaaacagttc ctgtcaggca gggaggagtg      120
agtgcctgag gaaaagttcc aagtagttta taacaaaggc acaatattag aaagactgcc      180
atcaatcatt ctttagattt ctttatcaca tttttcaaaa ataaacaaat cgaaccatat      240
ttgtagcaac tcaaagtgcg gcatagattt aaatgatgta tttgttcagc tactgatag      300
ggggcaaata ctacattaat atattttctt cctgtcaaga gttatttaca tatgtacagt      360
atttcagtta aaaatataac accataaact atattttata ggaaatcata agggaaggaa      420
atatgcaggt ctattaaaga ctttaagagct tctaataaac tactttactt ggagaggggt      480
ggggggactt cagatcatac agtctgccat ggagaaaaga acttgctggc agacagcctg      540
atggttcaga ggctccagtg cccagtttag cacctgggtc gcaatctttc cacagactta      600
ctgatcaggc ttgatcagga tggcccagcc atccagaaaa agcccccatc ggggttcagtc      660
ccttcggggg acagatggaa aaggcgtcaa tctactgagt catagtatga aaggttccaa      720
aatctcccc agctggtata atacaatcag tcccccttca agttatggta agccatatgt      780
gccaagcatg aaataatcag attgcaactc atcacggaag tagttaattc tgtttttcta      840
gtacagcagt gtctatgata ttccgcccgt ttggttctag ggctgcaaaa aaggaaacat      900
cttgggtccc gtctgactgc aatgctaaga tgggtctctc aatgacttca agatgagggg      960
taccagcatt tctaaaatac gccttttcca acagcatctg ccttagggcc ttggctagca     1020
gaaccctcac gttgggcaca ggatctgatg cgaggctcag gaggctggga agcagggtgct     1080
ccatgaactg gtccacgggg acacactcct tgctcaccac tgctgctcc aagaaagtca     1140
cagccaaaga aatgatgttt tccgcagtct tctagaaaac tacacttctt taatcccaaa     1200
gaagtcgttt cagaatctgt aggtttgagg cgtgtgtatg aatttttaaa tctcaagcac     1260
tgatttggtt agaaacacag ttaatatatt attataattc actaccaagc agtggggttcc     1320
aagtaggtta agatctggtg agcttaggag tcagaagtct a                               1361

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<210> 5980

<211> 1962

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (175)...(1248)

<223> similar to gi34019 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5980
ccgaggctat aagagggcgc acaagtggcg cggcgccagga gccgcgccca gtggagggcc      60
gggcgctgcg gccgcggccg gggcgggcgc agggccgagc ggacgggggg gcgcggggcc     120
cccgaggagg cgcgccact cccccccggg cggcgcgggc gggggaggcg gaggatggaa     180
acacccttct acggcgatga ggcgctgagc ggctggggcg gcggcgccag tggcagcggc     240
ggcacgttcg cgtccccggg ccgcttggtc cccggggcgc ccccgacggc cgcgccggc     300
agcatgatga agaaggacgc gctgacgctg agcctgagtg agcagggtggc ggcagcgtc     360
aagcctgcgc ccgcgcccgc ctctacccc cctgcgcgcc gacggcgccc ccagcgcggc     420
acccccgcac ggctgctcg cctctcccga cctggggctg ctgaagctgg cctccccga     480
gctcgagcgc ctcatcatc agtccaacgg gctggtcacc accacgccga cgagctcaca     540
gttcctctac cccaaggtgg cggccagcga ggagcaggag ttccgccagg gcttcgtcaa     600
ggccctggag gatttacaca agcagaacca gctcggcgcg ggccggggccg ctgccgccgc     660
cgccgcgccg gccggggggc cctcgggcac ggccacgggc tccgcgcccc ccggcgagct     720

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ggccccggcg	gcgccgcgcg	ccgaagcgcc	tgtctacgcg	taacctgagc	agctaccgcg	780
ggcggtgcc	gggggctgcg	gggtggcgcc	gcgacgagtc	gccttcgctg	ccgaacctgt	840
gcccttccc	cgcccgccac	ccccaggcg	gttggggccg	cgccggcctg	gctggcgctt	900
caaggacgaa	ggccccagac	ggtgcccagc	gtgcccagac	ttcggcgaga	gccccgccgt	960
tgtcgcccat	tgaaacatga	cacgccaagg	cgcattccaag	gcgaagcgca	agcggtggc	1020
gcaaccgcga	aattcgcgct	ccaaagcccg	caagccgcaa	gctgggagcg	caatctcgcg	1080
cactggaaa	agaaagtga	gacccctcat	agagtccaga	acacggcagc	ctggcgcca	1140
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gagagggcg	ggccccggg	gattcccccc	cgaggtgcc	caggactcgg	aagggcgcc	1440
ccggactcga	caagctggac	cccctgctcc	cgggggggcg	agcgcatgac	cccccgccc	1500
tcgcgctgcc	tctttcccc	gcgcggccgc	cccgtgttgc	acaaacccc	cgctctcgg	1560
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tgtgttttct	tgtgttggtt	ttttaagaa	atgggaagaa	gaaaaaaaa	ttctccgcc	1800
cttctctcga	tctcgctccc	cccttcggtt	cttctgaccg	gtccccctc	ccttttttgt	1860
tctgttttgt	tttgttttgc	tacgagtcca	cattcctgtt	tgtaatcctt	ggttcgccc	1920
gtttctgtt	ttcagtaaag	tctcgttacg	ccaaaaaaaa	aa		1962

<210> 5981

<211> 913

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (214)...(822)

<223> similar to gil289278 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5981

accacgcgt	gcgctctgat	tagcagcaga	tttattattc	tttctcatt	tcattgttata	60
cttaataaaa	caaaacatac	ctgtatacac	acacattcac	tcacattgaa	gatgcaagat	120
gaagaaagat	acatgacatt	gaatgtacag	tcaaagaaaa	ggagttctgc	ccaaacatct	180
caacttacat	ttaaagatta	ttcagtgaag	ttgcattgg	ataaaatctt	actgggaata	240
tctggaaccg	tgaatggtat	tctcactttg	actttgatct	ccttgatcct	gttggtttct	300
cagggagtat	tgctaaaatg	ccaaaaggga	agttgttcaa	atgccactca	gtatgaggac	360
actggagatc	taaaagtga	taatggcaca	agaagaaata	taagtaataa	ggacctttgt	420
gcttcgagat	ctgcagacca	gacagtacta	tgccaatcag	aatggctcaa	ataccaagg	480
aagtgttatt	ggttctctaa	tgagatgaaa	agctggagtg	acagttatgt	gtattgtttg	540
gaaagaaaat	ctcatctact	aatcatacat	gaccaacttg	aaatgtccct	cgtccacatt	600
ttaggctttt	atacagaaaa	acctaagaca	attaaactac	gtatggattg	ggcttaactt	660
tacctccttg	aaaatgacat	ggacttgggt	ggatggttct	ccaatagatt	caaagatatt	720
cttcataaag	ggaccagcta	aagaaaacag	ctgtgctgcc	attaaggaaa	gcaaaatttt	780
ctctgaaacc	tgcagcagtg	ttttcaaagt	gatttgtcag	tattagagtt	tgacaaaatt	840
cacagtgaag	taatcaatga	tcactatttt	tggcctatta	gtttctaata	ttaatctcca	900
ggtgtaagat	ttt					913

<210> 5982  
 <211> 2452  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2453)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1979)...(331)  
 <223> similar to gill118097 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5982

aaactgagca	ctgtccccc	antgctttct	tggcaatgaa	gttccggtgc	ctggctccta	60
gaaattggtg	aaatcagcaa	gacggaagaa	ggagtcaact	tgggccaagc	cctgttggag	120
aatggcatca	tccaccatgt	ttccgacaag	caccagttca	agaatgagca	ggtgatgtat	180
cgcttccgct	acgacgatgg	cacctacaag	gcccgaagtg	agctggagga	catcatgtcc	240
aagggtgtga	ggctttactg	ccgtcttcac	agcctctaca	ccccggtgat	caaagaccgt	300
gattaccacc	tgaagacct	caagtcagtg	cttcccggga	gcaagctggt	ggactggctg	360
ctggctcagg	gagactgcca	gactcgggag	gaggcagtg	cgctcggcgt	gggtctgtgc	420
aacaatggct	tcatgcacca	cgtgctggag	aagagcgagt	tcagggatga	gtcccagtac	480
ttccgctttc	atgctgacga	ggagatggag	gggaccagca	gcaagaacaa	acagcttcgc	540
aacgacttca	agctggtgga	gaacattctg	gccaagcgcc	tgctgatcct	gccccaggag	600
gaggactatg	gctttgacat	cgaggagaag	aacaaggctg	tggtggtgaa	gtccgtccag	660
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gctgtgggga	gaggctctga	ggccatggct	gcagggtctc	gtgctggtca	gtgcattctg	960
aaggtcaatg	gcagcaacgt	gatgaacgat	ggtgcccctg	aggtcctgga	gcacttccag	1020
gcattccgga	gtcggcgcg	agaggccctg	ggcctgtacc	agtggatcta	ccacacccat	1080
gaggatgccc	aggaagcacg	agccagtcag	gaggcctcca	ctgaggaccc	cagtggcgag	1140
caggcccagg	aggaagccca	ggctgattca	gccttcccac	tgctgtccct	gggtccccgg	1200
ctgagcctgt	gtgaggacag	ccccatggct	accctgactg	tggacaacgt	gcacctggaa	1260
cacggcgctg	tgtatgagta	tgtgagcacg	gcaggcgctc	ggtgccatgt	gctggagaag	1320
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cacatcaacc	tcatggaagt	gtcctacccc	aagaccaccc	cctcagtggg	caggtccttc	1680
agcatccgct	ttggacgcaa	accctccctc	atcggccttg	acccggagca	aggccacctg	1740
aaccccatgt	cgtacaccca	gcaactgcac	accaccatgg	ctgctccctc	ctggaagtgc	1800
ttgcctgctg	cagaggggtg	tccccaaggc	caggggtctc	atgatggcag	cttcgggcca	1860
gccagtggga	cccttgggtc	ggaagaccgg	ggcctcagct	tcctactcaa	gcaggaggac	1920

cgtgagatcc	aggatgccta	cctgcagctc	ttcaccaagc	tggatgtggc	cctgaaggag	1980
atgaagcaat	atgtcaccca	gatcaacagg	ctgctgtcca	ccatcacaga	gcccacctcg	2040
ggtgggtcct	gcgacgcac	cttggtgag	gaggcctcct	ccctgcccct	ggtcagtga	2100
gagagcgaga	tggacaggag	tgaccatggg	ggcatcaaga	aggtgtgctt	caaggtggcc	2160
gaggaggacc	aggaggactc	aggccacgac	accatgagtt	atcgcgactc	ctacagcgag	2220
tgtaacagca	atcgagactc	ggtcctgtcc	tacaccagcg	tgagaagtaa	cagctcctac	2280
ttgggcagcg	acgagatggg	gtctggagat	gagctgccct	gtgacatgcg	gatcccatct	2340
gacaagcagg	acaagcttca	tggctgcctg	gagcacctct	ttaaccagg	ggactccatc	2400
aatgctctcc	tcaagggggc	agtcatgagc	cgggctttcg	aagagaccaa	ag	2452

<210> 5983

<211> 544

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (44)...(463)

<223> similar to gil98609 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5983

cccacgcgtc	cgaggctcta	actttctggt	atgtcctcag	tagcagagat	gtcacagtgg	60
agaggagccc	ttggaatata	atgagtatga	ggaagttgtc	acagctcaac	attgactcag	120
catgtgttag	ctcccactgg	agggaaactc	cataaatgta	atgaatgtag	gaaacacctc	180
atccagagag	ttaactttta	ttcataccaa	agaactcttt	gtctgtagtc	agtgtggaaa	240
tgcttctagt	gaccatttat	cctttaaaca	acaccgtgaa	ttaacactgg	agagaagcca	300
tatgaatatg	atctgtgtgg	gaaagccttc	atttaaatgat	ctcaccttag	tcataatgag	360
acaatgcaca	tggagagaaa	ccctataaat	gtacagcatt	tggaacagcc	ttcaacctca	420
gccctaacct	ttataggtgg	tctcactcaa	gtttccatct	atctgaaaga	tgccatcttt	480
tagataccag	agagctccca	cagggtctaa	ccctacaccc	ttcaggcaaa	gctcaagcct	540
tgta						544

<210> 5984

<211> 2978

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2933)...(558)

<223> similar to gi5305335 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5984

agtcgacgat	ttcgtgccgg	eggctatttc	tattcccagg	aaatccccgg	gccatctgtg	60
accaacaaag	gcccgagccc	ccccacccc	gcgagcccaa	caacagggcc	caacggcccc	120
tggctccggg	gtggggggat	cgggcctgga	tcggctgccg	gtgcctgcca	gtggggggtta	180
ggcttgctga	ggggcaggca	caggagtcct	ggctgagctc	atggcctgag	gctgcctagc	240
ggccacgggg	aatggttgca	atggcggagg	cagaggcagg	ggtggcagtg	gaggtccgtg	300
gactgcccc	tgcctgtccc	gacgagctgc	tactctctta	ctttgaaaac	cgccgacgct	360
ctggaggggg	acctgtgttg	agctggcaga	gactgggctg	tgggggcgtc	ctcaccttca	420
gagagcctgc	agacgccgag	agggctcttg	cccaggcaga	tcacgaacta	catggtgccc	480
agctgagcct	gcggccagct	ccaccacgag	cccctgcacg	cctgctgctc	caaggactgc	540
cccctggcac	cacgccccag	cgcttgagac	agcatgtcca	ggccttgctg	cgggcctcgg	600
ggctcccagt	acagccttgc	tgtgccttgg	ccagcccccg	gccagaccgg	gctctgggtcc	660
agttgcccga	gcccccttct	gaggcagatg	tccgtgtcct	ggaggagcag	gcccagaatc	720
tgggcctgga	ggggaccttg	gtgtccctgg	cccgggttcc	ccaggcccca	gcggtgcgtg	780
tgggtggggga	tgggtgcctct	gtggacctgc	tgttgctgga	gttgtaacctg	gagaatgagc	840
gccgcagtg	tggggggccc	ctggaggacc	tgcaacgcct	acccggggccc	ctgggcactg	900
ttgcctcctt	ccagcagtg	caagtggcag	aacgagtgtt	gcagcaggag	caccgggttg	960
agggtcaga	gctgagcctt	gtccccact	acgacatcct	ggagcccag	gagctggctg	1020
agaacaccag	tggaggggac	caccctgcca	cccagggggc	tagggctacc	aagcatgctc	1080
tcttgaggac	cggaggggtt	gtgacggctc	tgcaggggtg	agggactgtg	acaatgggct	1140
ctggcgagga	accagggcag	tcaggggctt	ctctgaggac	aggtcccatg	gtgcagggta	1200
gagggattat	gacaacaggc	tctggccagg	aaccagggca	gtcagggacc	tctctgagga	1260
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tgagcctggg	gcctgtgggg	tctgcaggcc	cagtggagac	ctctaagggg	ttgctggggc	1440
aggagggcct	ggtggaaatt	gccatggact	caccagagca	agaggggctg	gtgggtcccc	1500
tggagatcac	catgggggtct	ctggagaagg	cagggcctgt	gagcccagga	tgtgtgaagc	1560
tggcagggca	ggagggcctg	gtggagatgg	tgtatttgat	ggagccagg	gcgatgcgct	1620
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acccgggcag	cgccagggtt	ctcctgggccc	cagaagggca	gcaccttctc	caggggctgg	1860
aggctcagtt	ccagtgtgtc	tttgggacag	agcgcctggc	cacagccacg	ttggacacag	1920
gccttgaaga	ggtggaccct	accgaggccc	tcccagtgtc	ccctggcaac	gccccacccc	1980
tgtggacccc	agacagtaca	ggtggtgacc	aggaggacgt	gagcctggag	gaggtccgag	2040
aactgctggc	caccctggag	ggcctagacc	tagacgggga	ggactggctg	cctcgggagc	2100
tggaggagga	agggcctcag	gagcagccag	aggaggaggt	gaccccagg	catgaggagg	2160
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agacggtggg	gccctggcgc	cgcacactgc	ctgcagagct	gcgtgctcgc	ctggagcggg	2520
gccatggtgt	gagtgttgcc	ctgcgtgggt	actgcacct	cctccgtggc	ttcggggccc	2580
acctgcccc	tgtgcccgc	cacttgggtg	cacttctggc	tggcccctgg	gatcagagtt	2640
tggcctttcc	cttggcagct	tcaggcccta	ccttggcggg	gcagacgctg	aaggggccc	2700
ggaacaacct	ggagcgtctg	gcagagaaca	ccggggagtt	ccaggagggt	gtgcgggcct	2760
tctacgacac	cctggacgct	gcccgcagca	gcacccgctg	cgttcgtgtg	gagcgcgtgt	2820
cgcacccgct	gctgcagcag	cagtatgagc	tgtaccggga	gcgcctgctg	cagcgatgcg	2880
agcggcgccc	ggtggagcag	gtgctgtacc	acggcacgac	ggcaccggca	gtgcctgaca	2940
tctgcgcccc	cggcttcaac	cgcagcttct	gcggccgc			2978

<210> 5985  
 <211> 609  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (224)...(211)  
 <223> similar to gi2323284 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5985  
 tgaccgttac ctgtaccgga catgcccgga gtcgacgatt tcgtcagtta aaacagataa 60  
 attcaccacac agaaaacaat tagggctcta cgtggcacia ctgtagttca caaaagcaac 120  
 ctctgaaat ctgtccttaa tgtaaacagc catcccactg caaaaaaagt tgccataaac 180  
 ttaagctatc taaatggact tcttcattta tctctttggc ttctccttta aaatgaaggg 240  
 gttctgagga cacattgggg tttttcccag tcctttcttt taatcacctc acagaaaact 300  
 ttctccaaat tggcagtga gttctgacta ttcttgtaga cacaggagca accatattgg 360  
 tcctcagccc caccagtctc aaccagccac ggtgttgga taataaaaat attcaaatag 420  
 tgggagtttc taataaacca ttgacaacct ttctgtccca gccattact ttttgccctg 480  
 gacgtttaca ggatattcat ccctttttat tgggtgaaatc tgcttcagct catttattgg 540  
 gacaagactt aaaacaaaaa ataaaatcat gatgacatct ctttctcctt aaaagggaga 600  
 cataattttt 609

<210> 5986  
 <211> 3068  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2804)...(466)  
 <223> similar to gi189400 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5986  
 tttttttttt ttgatgggtc aacaagtgtt tattgagcag ccacatctgc caggtcttgg 60  
 gatagccagt ccctgtgctc atgggcttag atcctggcag aggcctagt gagaggcttg 120  
 ggggtgggggt cggggcatgg aaggctgtgc tattggccag ggactcagaa tacaggagag 180  
 tgcaaggggtg acagaagttt ctttcttggg caaagaggcc tggaaatggt ggcttgaatc 240  
 tcaaccattc cttagccttc ccctctcaag ccagagaaaag acccaggtct ccctgccca 300  
 gaaggtccat gcatagacat tcattccggt gattcattcc ttaaccaaga aataaagagt 360  
 tgcaactcctt gcaggggctg gtaaaagcaa tgggctggag gaggcagctc aggggccggg 420  
 gaaggggtgt tggctgcaag gttacaagag aaggggtagc actctcagag gcctgcttga 480  
 cgggcgcctg ggacttggct gatggggggc ctttctgggg cacagggtgg tgggaatgta 540  
 attggagagg cttccagagg cacttggact tgagaggcct ccatggagcc tctgacagag 600  
 tccccagggg ggacaacatg ctccaagagt ctgggctctg ctttccctg cccccaccac 660

ggaagacatg	tcaagctggg	aagccatgga	ggagaagggg	agggcaaaaa	agttgttgag	720
ccactgggat	aaatgggagg	agccccggag	ggagcggctg	cgggatcgca	cagcccctcg	780
tatccggtgg	ggtgggctga	tgcccccttg	ccactgggat	aaatgggagg	agccccggag	840
ggagcggctg	cgggatcgca	cagcccctcg	tatccggtgg	ggtgggctga	tgcccccttg	900
cagctgggca	ggatgttcct	gggcattggc	aggatggttg	aggggccctg	tgatggcagg	960
agtgtctggc	tggaaccacat	ggggagacca	agtccgaata	ggggcccgat	gcaattgagg	1020
gtgcaagcgg	agggcatggc	gaaggcggat	ggctctctgt	gctctgtaca	acaggtagcg	1080
gatccacagg	tggaaggcag	ggcgctcctg	gtgatcagga	ggctcgctgt	gaggctcagc	1140
atcgggggtg	gcagcctgct	cagcgggctg	gtggggaggc	caagctgggg	ggtggtatgt	1200
gccacagggc	aggctggagg	ctccttgtgc	tctcagcaga	gactggactg	gcgaggagtg	1260
ggctggcgag	gagtgggctg	gcgaggagtg	ggctggcgag	gactgtggct	cggcggctctc	1320
catgggctcc	atgcacgagt	tttcggcatc	tgagtcttcc	gagctgctga	tcaccacaac	1380
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aagacctcac	ttcctatgac	ggggctcctg	gggctaggcg	gtccatccag	gtggggtggt	1500
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ttcctcttct	gggctgtcgt	tgtattggag	acatcctctc	cataggaagg	gcctttgatg	1680
gagaaggcgt	acactggcac	ggggtgtgcc	ccgggcaactg	actgtaccac	agccataggc	1740
tgggcttcag	cccacccag	ggcctgaacc	tgggccttca	ctctctctgc	ctcctcgggc	1800
aggccaacgt	caatagggtc	cctgggagtg	ctggcagcct	ctgggctggc	tttcttggat	1860
acagctgcat	ctttcccctg	ggtgatgcaa	gagctgaggt	cctgcaggcg	cacctgaac	1920
tcgtcgaagc	cctgggtgcg	cacggcagct	tgcaggctct	ggggctcctc	ctggcgagg	1980
cggcagagcg	catggcgag	gaaaccgtgc	atgtccagca	cctcctggtc	cgaggcgtag	2040
cacttcatcc	tctgcaccag	cgcgctgccc	gtgcggatgc	gctgcagcac	agcatccagg	2100
cggcccagcc	gactggccat	ctcctcgtag	tcgcgctggg	accgcgcgtc	cacagcctcc	2160
agcagctcgc	gctcctgagc	ccgcacgtga	gctaccacct	ggggcacgcg	ctcgcggtac	2220
agctcctcgg	tctcggcacg	cgcgcggccc	agctggccga	cggccgcgtg	catctgtgtg	2280
tgaaccgcgc	caaaggcact	atcctgctcc	tgcagcgctc	gcgtcatggc	gtccagctcc	2340
tcctgtcgct	gctggatctc	tcgcgtgatg	tcgcacttga	gctcactgtg	gctgctgtca	2400
aggagcgcgc	acgagcagca	cagcggcttg	gaacatcctc	ggcagtagat	gctggtcagc	2460
gtaggggtgc	ggtggttggg	gttggagcag	aagatgttgt	tggtcttgcg	ggtgccgtcc	2520
aggaactcac	gcaccgactg	gttgcgagc	tctgctaggg	gccgggcctc	gtgcttgagg	2580
aaccactggg	gtgcctcgaa	gcacttggcg	cagaggagct	gctcgcactc	aaagcaccag	2640
gaagtgcggc	gactctttgc	agcgggtgca	cacagcctgc	gcatccacaa	tctgccggtg	2700
caccgacagg	cgcgcgtgca	gactctcgaa	aaagacgtta	tccagggcgg	gtgtgtctgc	2760
acctaggggc	cagggcgcct	ggcagatggg	gcactgcatg	cccgcgcctc	ccaggcatcc	2820
tgagcacagc	gtgtgcagac	aaggcagcag	cttcgggcac	ttggcttccg	cctggcattg	2880
ctggcagcgc	agaaactgga	actcctcctc	cgaagcgggg	gctcgctctg	tagggctggg	2940
gctggggctg	ggctggcggc	cttcagaggg	ggtctcgggg	ggaggcatgg	tgggctcctg	3000
ggggcggggc	gggtcctgct	ggggcctcgg	agatcggggc	ggtgcaggct	ccatggaccc	3060
cagcttag						3068

<210> 5987  
 <211> 3043  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (3044)  
 <223> n = a,t,c or g  
 <220>

<221> misc\_feature  
 <222> (3013)...(1673)  
 <223> similar to gi2765425 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5987

caggtgcagc	tgctcagatc	tgggggaggc	gggggtccagc	ctgggaggtc	cctgagactc	60
tcctgtgcag	cgtctggatt	taacttcagg	acctatggca	tgcactgggt	ccgccaggct	120
ccaggcaagg	gactggagtg	ggtgacattt	atatggtctg	atgggagtat	caaatactat	180
aaagactccg	tgaagggccg	gttcaccgtc	tccagagacg	attcccggaa	cacattatat	240
ctgcaaatga	acagcctgag	agccgaggac	acggccgtat	attactgtgc	gaaaacagcg	300
gacgntgact	acgtgcggga	ctactattat	tactacatgg	atgtctgggg	caaagggacc	360
acggtcaccg	tctcctcagc	ctccaccaag	ggcccatcgg	tcttccccct	ggcaccctcc	420
tccaagagca	cctctggggg	cacagcggcc	ctgggctgcc	tgggtcaagga	ctacttcccc	480
gaaccggtga	cggtgtcgtg	gaactcaggc	gccctgacca	gcggcgtgca	caccttcccc	540
gctgtcctac	agtcctcagg	actctaactc	ctcagcagcg	tggtgaccgt	gccctccagc	600
agcttgggca	cccagaccta	catctgcaac	gtgaatcaca	agcccagcaa	caccaaggtg	660
gacaagagag	ttgagcccaa	atcttgtgac	aaaactcaca	catgcccacc	gtgcccagca	720
cctgaactcc	tgggggggacc	gtcagtcctc	ctcttcccc	caaaacccaa	ggacaccctc	780
atgatctccc	ggaccccctga	gttcacatgc	gtgggtgggtg	acgtgagcca	cgaagaccct	840
gaggtcaagt	tcaactggta	cgtggacggc	gtggaggtgc	ataatgcaa	gacaaagccg	900
cgaggaggagc	agtacaacag	cacgtaccgt	gtggtcagcg	tcctcaccgt	cctgcaccag	960
gactggctga	atggcaagga	gtacaagtgc	aaggtctcca	acaaagccct	cccagcccc	1020
atcgagaaaa	ccatctccaa	agccaaaggg	cagccccgag	aaccacaggt	gtacaccctg	1080
cccccatccc	gggatgagct	gaccaagaac	caggtcagcc	tgacctgcct	ggtcaaaggc	1140
ttctatccca	gcgacatcgc	cgtggagtg	gagagcaatg	ggcagccgga	gaacaactac	1200
aagaccacgc	ctcccgtgct	ggactccgac	ggctccttct	tcctctacag	caagctcacc	1260
gtggacaaga	gcaggtggca	gcaggggaac	gtcttctcat	gctccgtgat	gcatgaggct	1320
ctgcacaacc	actacacgca	gaagagcctc	tcctgtctc	cgggtaaatg	agtgcgacgg	1380
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tatgtagacg	gggtacgtgc	caagcatcct	cgtgcgaccg	cgagagcccg	gggagcgggg	1560
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tttctcgatg	ggggctggga	gggcttgggt	ggagaccttg	cacttgtact	ccttgccatt	1980
cagccagtcc	tgggtgcagga	cggtgaggac	gctgaccaca	cggtacgtgc	tgttgtactg	2040
ctcctcccg	ggcttgggtc	tggcattatg	cacctccacg	ccgtccacgt	accagttgaa	2100
cttgacctca	gggtcttctg	ggctcacgtc	caccaccacg	catgtgacct	caggggtccg	2160
ggagatcatg	agggtgtcct	tgggttttgg	ggggaagagg	aagactgacg	gtccccccag	2220
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tttcttgtcc	accttgggtg	tgctgggctt	gtgattcacg	ttgcagatgt	aggtctgggt	2340
gccaagctg	ctggagggca	cggtcaccac	gctgctgagg	gagtagagtc	ctgaggactg	2400
taggacagcc	gggaaggtgt	gcacgccgct	ggtcagggcg	cctgagttcc	acgacaccgt	2460
caccggttcg	gggaagtagt	ccttgaccag	gcagcccagg	gccgctgtgc	ccccagaggt	2520
gctcttggag	gaggggtgcca	gggggaagac	cgatgggccc	ttgggtggagg	ctgaggagac	2580
ggtgaccagg	gttccctggc	cccagacctc	catgaagtag	taataggatc	ataataatat	2640
gtccccgtta	taggggacgt	cgcacagtaa	tagacagccg	tgctctcgac	tctcaggctg	2700
ttcatttgca	ggaacaggga	attctgggaa	tcgtctctgg	agatggtgaa	tcggcccttc	2760
acggagctcg	cgtaggatgt	agtatcacca	ctactagtga	tgtacgaaat	ccactccagc	2820
ccctggcctg	gagcctgacg	gaccagttc	atggcataat	catcaaaggt	gaatccagag	2880

gctgcacggg	agagtctcag	ggacctgcc	ggctgtacga	agcctcccc	tgactcctgc	2940
agctgcacct	gacactggac	acctcttaaa	agagcaacga	ggaaaacca	gctcagccca	3000
aattccatgg	tgagtctct	gtgtgcagtc	ctgatcagca	cgc		3043

<210> 5988

<211> 6097

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (193)...(4255)

<223> similar to gi4589512 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5988

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<210> 5989

<211> 1708

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1420)...(1479)

<223> similar to gi35570 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5989

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aaagtgtgcg aaaatctgaa aaaaaaaaaa 1708

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<210> 5990
<211> 740
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (289)...(508)
<223> similar to gi3025832 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 5991
<211> 1408
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (742)...(50)
<223> similar to gi5901836 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 5992

<211> 1818

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (748)...(1361)

<223> similar to gi498731 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5992

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ttaattttatt	aaacttgctg	tgaaaaacact	ttgattttct	aagaggaagg	tactttaagt	1500
tccagaatga	acatgtagct	gcactatgcc	agaaattaat	gagggaagac	tttcttccta	1560
agtgccttatg	ttttaactta	tgtagtgaa	accactacaa	ggtgtttcag	gcgctgataa	1620
catgcttcac	acctgccctt	ggaggtcaca	gtactaattt	acttcaaatt	tagttatgac	1680
agtgtcactg	tatcctagtt	atgtttacag	cacaaataaa	taatgactgt	catacatcca	1740
gaggagaccg	aacctgccc	gctgatgtac	tgttttatgg	aataaagtca	cttgatcaga	1800
aggaattgaa	aaaaaaaa					1818

<210> 5993

<211> 1087

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1088)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (339)...(686)

<223> similar to gi5105617 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5993

tttcgggagc	ccgccccctc	cggggagnag	gaggaggggc	ggcgggggaa	gggagggcgg	60
gtggaggggt	cgggaggaac	ggggggcggg	aaagatccgc	cgggaccacc	ggcacggccg	120
gacgcgcgcc	gccgggttga	atcctccggg	cggactgcgc	ggaccccacc	cgtttacctc	180
ttaacggttt	cacgcctct	tgaactctct	cttcaaagtt	cttttcaact	ttcccttacg	240
gtacttggtg	actatcggtc	tcgtgccggt	atttagcctt	agatggagtt	taccaccgcg	300
tttgggctgc	attcccaagc	aaccgcactc	cggaagacc	cgggcccggc	gcgcgggggg	360
ccgctaccgg	cctcacaccg	tccacgggct	gggcctcgat	cagaaggact	tggggccccc	420
acgagcggcg	cgggggagcg	ggtcttccgt	acgccacatg	tcccgcgccc	cgccgcgggg	480
cggggattcg	gcgctgggct	cttccctggt	cactcgccgt	tactgagggg	atcctggtta	540
gtttcttttc	ctccgctgac	taatatgctt	aaattcagcg	ggtcgccacg	tctgctcgtg	600
ccgaattcgg	cacgaactgt	gatgccctta	gatgtccggg	gctgcacgcg	cgctacactg	660
actggctcag	cgtgtgccta	ccctacgccg	gcaggcgcg	gtaaccggtt	gaacccatt	720
cgtgatgggg	atcggggatt	gcaattatct	cccataaacg	aggaattccc	agtaagtgcg	780
ggtcataagc	ttgcgttgat	taagtccttg	ccctttgtac	acaccgccc	tcgctactac	840
cgattggatg	gtttagttag	gccctcggat	cggccccgcc	ggggtcggcc	cacggccctg	900

gcggagcgct	gagaagacgg	tcgaacttga	ctatctagag	gaagtaaaag	tcgtaacaag	960
gtttccgtag	gtgaacctgc	ggaaggatca	ttaacgggag	actgtggagg	agcggcggcg	1020
tggtcgcctc	tccccgtctt	gtgtgtgtcc	tcgccgggag	gcgcgtgcgt	cccgggtccc	1080
gtcgcct						1087

```

<210> 5994
<211> 1113
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1114)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1043)...(316)
<223> similar to gi510905 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 5994						
tttttttttt	ttagaagcag	aggctcaggc	tgagcccagg	tttattatcc	aaaatcaaaa	60
tgaaatgcag	tgattaaagg	acacaaggcc	tcagtgtgca	tcattctcat	tgtggctttc	120
aggcggtgt	ggaagacagg	gtggggatgg	tggcttcggg	aggtgagggt	ctctgggact	180
tgggcaagtc	ttaagcaagc	cattcctgct	ttctgggcct	ggctcccatg	ggccattaga	240
aatgaaaatg	ctttgtggac	tgctgaggac	ggtgcaaggg	gtgaggtttc	cccagctcac	300
ccgatccat	gggcccagca	cccaggggca	tcagcttctg	cttttatggg	tgggggtctg	360
caggtgggaa	gtcgtccttg	ggccttcaaa	atgacctcat	gggccctccc	tggaaggagg	420
tcctcccca	ctggctgcct	ccacgcgctg	ccgccatgtg	gccagcttgg	ggtcggcctt	480
tcgaagactt	ggcagccagc	acccacggga	tgcatcagct	ccgtaatggc	tacgaggcca	540
gctaaggaga	tgtgaggccc	agtaagggaag	gccttggtct	ggaggaactt	gtcctcgagc	600
aactgcaggg	tcacatccaa	ctctgccagg	gtgggctgcc	agtgtctggg	gagatactgg	660
ctcaccagg	aaaacaggga	accatcacct	tatgccaca	aggcccggag	gcagcttctc	720
cgcagagtcg	tgtgctgcca	tgccagggtac	tcatccacac	gggcacgggc	ctgcagggtcc	780
tgagggtacc	agtagtcagg	gaccttatat	ttgcgcgtca	ggtagagcag	gatggccaca	840
ctctccgtca	aggtgaagtc	cccgtccttc	aaggctggca	ccttcttgag	ggggttcacc	900
tgggcaaagg	catcgcttaa	gtgctgacct	ttaatcagat	ccacgatgcg	cagctcgaag	960
ggaatgtcgt	tcttcttggc	aaagatgtaa	acagcgcggc	agggtggga	cagcagggtcc	1020
agggtacagct	ccaggcccat	agtggggacc	gaccgacaaa	ttccncgncn	ctggcctaag	1080
gtctcgatgg	nnntccattn	nnnccggggg	gcg			1113

```

<210> 5995
<211> 876
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (329)...(797)  
 <223> similar to gil399086 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5995

agtctgcgag	gaggaagtcg	cctctgtgcc	ccggagttca	gaggtctaag	acggcgccctc	60
cctctgtcgc	caaagttgga	gtgcagtggc	gcggctctcg	ctcactgcaa	gctccgcctc	120
ccggattcaa	gtgattcccc	tgcttagcc	tcctaagtag	ctgggattgc	aggtgcccac	180
caccacaccc	ggctaataatt	ttgtatttta	atagagactg	ggtttcaccg	tggtgaccgg	240
gatggactcg	atctcctgac	ctcgtgatct	gcctgcctaa	gcctcccgaa	gtgctgggat	300
tgaggcgctg	agccaccaca	cctagctgat	ggtgccaaaga	acgaagaagg	aagctcctgc	360
ccctcctaaa	gccgaagcca	aagcgaaggc	tttgcaaggc	caagaaggca	gtgttgaaag	420
atgtccacag	ccacaaaaaa	aacaagatcc	acatgtcacc	caccttcggg	cggcccaaga	480
cactgtgact	ccggaggcag	cccaaatact	cttggaagag	cacccccagg	agaaataagc	540
tgaccacca	tgttatcatc	aagtttccgc	tgaccactga	gtaggctgtg	aagaagatag	600
aaaacaacag	cctacttgtg	ttcactgtgg	atgttaaagc	caacaagcac	cagatcaaac	660
aggctgtgaa	gaagtttgtg	acattgatgt	ggccaaagtc	aacactctga	ttcagtctga	720
tgagagagg	aaggcatatg	ttcgactggc	tcctgactac	gatgctttgg	ttgttgccac	780
caaaattggg	atcacctaaa	ctgagtcaag	ctggctagtt	ccaaatatat	gtatatcttt	840
tcaccattaa	aagaatctta	atctctcaaa	aaaaaa			876

<210> 5996  
 <211> 3270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3107)...(1381)  
 <223> similar to gil87242 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5996

tttttttttt	ttggttcatt	ggaaaaggat	tttatttcac	cataaaaatg	caaactggaa	60
taaaccacat	ctttcctaac	gcgaacgta	cagctatttt	taggtatttc	tgagcttcac	120
ttggagaagc	aaacgattat	aaaacaagtt	tgagcctga	aatctgtttg	aaacattcca	180
agtaaaaaata	atttagcaaa	acagcttctt	aaaaaaaacca	cacacactaa	cctttactag	240
aaaccaaagc	ttttaaccaa	tcttttttat	gcttaattcc	ttgacgttgt	aaaaagttaa	300
tgtttttgaa	ggagcatcag	accattttgt	accactcccc	acataccgac	accttagaaa	360
gaacggcccc	tttgagtgtt	gatcttaaa	gacttgtacc	ttcctcatcc	gtgactcaat	420
gtcagcacga	cgattcggca	tcccacccaa	actgcacttc	ctgatcagtt	aacattacaa	480
acggggggga	aagaatcacc	agggcaacgc	tttcttttca	gtgccagtgt	gactatggtg	540
gcccgtgcac	ctcctaggcc	gtgcacgcag	ggaggtcgcc	aagcagacac	agaaatcccc	600
atgtggggga	atgcagcagc	tctgccatcc	tcacgactgt	cggctctgtc	aattttcctg	660

actgagagag	gaccggccgc	attaaagcta	tcggatcaag	ttttaagga	ctacgtgttt	720
gaaactgaag	tgccaagtac	gctgcggtga	gtggagaaaag	atggatctct	aaagcatggt	780
gtcttccttc	ctgccggcgg	gctccgtgga	cattcgtggc	tgagaaggg	tcttggcttt	840
gcaggggtgg	acggagagcg	gccaaggagc	ggccaggagg	ctcagcagg	tcctggtctt	900
tcccggacag	gccgtgggga	ggcgtgccc	gtcattacct	gttccaggta	ctgcggtgcc	960
tgctcgggga	ccgggagcgc	gaccgctcgc	ttcggcggcg	gtggcggctg	tgcttcctgc	1020
tggcgctgcc	cctccgctcc	cggctccgct	ccctccggtg	cctgtctttg	ctgtgggacc	1080
tccgggaccg	ggtgtggtcc	gggctcgtgc	tgccggcgcg	ggggctgtca	tccttgtagg	1140
cgtgcttctt	gtggggccgc	cgtcccttgc	gtgacttcct	gtcctccctt	gctgactggc	1200
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tcctttctgg	agacattctg	ctcgcaggca	gggatgccct	tgggctgttg	gttgttgtca	1380
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acacgcacag	agctctgaac	ctccttgcac	ggggcctcct	cggccacgct	cccgttcacg	1500
cttttgagg	cgcgctcggc	ctctgggtgg	gccgggctct	ccttgggggc	accggccggg	1560
ggctggcccc	cgaggggggtg	cagcgtggtg	gcgctcacac	agccggacga	cacggtctgc	1620
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tccttcgcgt	gcaggccagc	cgcgcgctcc	ttctcctcct	cctcgtcccg	cagctcggcc	1800
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tgatcatgtc	ccttcggggg	gacttatcac	aacttggtct	tgctgagcag	ctcggcgatg	1980
agccggatgg	actgcagggt	cctctggggc	agcagcagct	tgcgctcctc	cagcttgatc	2040
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cgcagctcac	ggctccctctg	cttctgctcc	ctcttgcgaa	gcttctcttc	tcttttcttc	2160
tctcgtccca	gctcttccag	ctccttttgt	ttcctttcct	ccgctcgtcg	cctctcctcc	2220
gcttcttctt	ctctgcgctt	ttgttcttct	ctttgctgct	ccagttcctg	aagcttctgc	2280
ctctccagct	gccgcttctt	aattgaggca	tcactcaggt	gtttggctga	atcaaaagaa	2340
accttgatgt	tgcaggccac	ggccttgccg	tcctcgccct	tgtacatgag	tttcatcccg	2400
cgcagggcgc	tcatggcctg	gatgaagccc	atgtactcac	ggtactgcac	ataggcctcg	2460
aagttcaagt	gccccccgaa	actgaagggt	tggaaagtgc	ggcccgtcat	ctcctcccg	2520
taggggtcca	gcatggggat	gtccacattc	cggatctccc	cgaacttctc	aaacaccttg	2580
accaggacgt	cctcgctggg	cttctcgagg	cccgaactct	tcagggcgaa	ccacttgacg	2640
ggcagcccct	ccagggtgat	ggtgtccggc	cgtccccccg	gcagggctct	gttcatgtcc	2700
ttggcgctgc	ggaagaagga	gtcccagtcg	tggcgggtgg	ggaagtcgat	cttgaactcg	2760
gccgcgcgca	ccttcaggat	gtcggagaag	ccgctgagct	tgatggtctt	gccgtccagg	2820
caggccagaa	aagacttgac	caggctcttg	ttctccacct	ccccctcgaa	gcggatgaag	2880
tccatggtgc	tcttggaat	acgcagcgtg	gagaactggg	ggttctgcac	catgcccttc	2940
agcctctcca	tcacctcca	gttgagatg	gacttccccg	gctgcttcag	ctgcgggagt	3000
gccacgctga	tggtcatctt	ggtgatgggc	ttcagggtaca	agccgtaagc	agggcagagc	3060
tccacggcct	cagacgtgtc	gtgcacgatg	gtagccgctg	ccatagcctc	cgggaccttg	3120
ggcctgcgcg	gggctccgcc	tgcgtcccg	gccgcgcgcg	ccgctggccc	aagctcccg	3180
cgtccctcga	cgatccccgg	acaggcgcgg	cctcaccgcc	gggagccgcc	accgtcccc	3240
ggaggcgccct	ccgacgccgc	caccgcgcgc				3270

<210> 5997  
 <211> 2599  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2398)...(756)



<223> similar to gill196425 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5997
tttttttttt ttaaagaagg aagagggtttt ttattcggcc gggagcatca gcagactcgc      60
gtcttgagag ccgagctccc cgaaaaagaa attcctagcc ctttgaaggg cttacaactc     120
taaggggtct acgtgaaaga gtcataatag atcaagtaag tgtgaggaat gtgactgtgg     180
gctacctaca tcagctaaca gtacaaaaag ttttacagtg ctttctcata caatgtctgg     240
aatttacaga taacaccagt agttttggtc aggggttaat attattatca ttctaaccac     300
cagggccagg tgggtggcgcc aaggctcgtc agctatttat ctttcttctg tttctttcca     360
actttttgct ttctcccttt tctcctgtct tataaactag ggaaaagggg aggttgggga     420
gaaactgaga aggacaacag gagaagtggg ggtctcattc cctatttccc ccctttgaga     480
attttcactt tttagtggga gttctcactc tcactctcac tttttgagtc tctttgcgag     540
atagagcgat agtgattcat ataattcacg tgtgtcgaag ttttctgatg aaccaagta     600
gcaacaatac cttttatcat ttgaaaaagc aagggttaata cacaggggag cagcaagcaa     660
gttcttatta cttagcaatac acctacaatg agggttttta atcctcctat agctggaaac     720
cattttccaa ataaagactc aggatcaaac ttgtgccaaa cctgtatagg cacatgtgcc     780
aactttgtca tgtccctgac tatgttttta accacctgtc cttgatcatt tattttagg      840
cagcaattgg ttaagttaaa ttttctacaa actcctcctt cagctactag caagtagtct     900
aaggccagtc tattctgata gatagcattc ctcatattggg tttcttgcca agctaaaaca     960
gtcaaagctc tgccagtttc attagaaatt atttctaaga tggcctgcaa ccgtatgac    1020
caattgagca tgtagatggg ttcggtatcc ccattgagcca tcttggtgcc atgtggcagg    1080
cccataatac tgaatgatcc tttcacgggg ccactcatta tctttccagt ttctataaac    1140
tatgcctttc ttttctcggg aggcgtagac agagaaacct agcagctcac ccatttttat    1200
gggtaataag aaaaaggatg gcttaatagt gccaaataaca caactgtctg cccattttatt    1260
aggtaaccga aagtaggctc tgtgcctaca tatctagtat agtccagagg gaactgtcca    1320
gtcctaatag gattctgcat gagcctaagc agtttttaat ttagaaaatt tactaaatgg    1380
attcctttca gtgtggttta ggtcctacta agtaattgtc tttgttgtgc tgttatacaa    1440
cttctgtcct atacaattag gctttcctac agggatgata aagtctttcc cttctctagc    1500
tatacagtat tgtctaataa ttgaggtttt taggacctag aagttgctag cttcggcctt    1560
ctaaattgga attatatcag gagctggatc agtaggcacc aactctcagg cttcccaagg    1620
ccatctgtct ccgatagtgg ttcctccgcg tacataacaa gaagtacat taagtaagaa    1680
aattacattt tctgctaatt ggagaaacaa attttttgtc tttttcagaa gttctgggtgc    1740
tggcagattc agtcctcat aaaaggtttg aaatactggg ttgggagagc acttgtggac    1800
ctccccttta attaaaatga caacttgagg ttttaaccct gtcctattga tcccagggt    1860
tacacgttct ccctttttcc aatggggatc taggggattg gtaattatta gttctagtgg    1920
gttacagtga ccggcagcac aggagggggt ggcttctccc ttctgaagat aaaccgagtc    1980
atttttgttc tttttttaag tagcctaaat aacacatggc caataggcac aatttttaca    2040
aaccctgac tcatgacaaa catatttatt ttctactctt tagctccttt ctcagttaag    2100
agaaccacat cctattttcta gctttttact attaatggct gcacaagcat caaatcttaa    2160
agttatttgc ttggggattt ctttttcttc tgttctagtt attattttac ttgtatcacc    2220
tagcaaaaagg ccagtctcta tttcaaaaac ggtggttgca gcgggctcag atgggttata    2280
acacgcatca ggtcgggtcat ttctcgggct acataccttg tactgagtgg cattatacaa    2340
acaagtttcc ttttaatgtt tccatacatt tcataataac tatagaacag aaagattggg    2400
tttaaatgtc cggtcctact tcgggggacc tggataaata cactggggaa cagtccccag    2460
tttgagtaag atcagttgaa gcccttactg tataagtcca aaatttaaga aaaatgaatc    2520
tcatgatgag cttcttcagg cttcggcggt cgtggaccag tcagcttccg ggtgtgactg    2580
gagcaggggt tgtcgtctt
2599

```

<210> 5998

<211> 767  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (176)...(552)  
 <223> similar to gi5912179 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5998  
 ggtggtgctg ctgctatgag ctgcaccatc gagaagatcc tgacagacgc caagacgctg 60  
 ctggagagggc tacgggagca cgatgcggcc gccgagtcgc tgggaggatca gtcggcgggcg 120  
 ctgcaccggc gggtagcagc tatgcgggag gcggggacag cgcttcggga ccagtatcaa 180  
 gaggatgcat ccgatatgaa ggacatgtcc aaatacaaac ctcacattct gctgtcccaa 240  
 gagaacacac agattagaga cttgcaacag gaaaacagag agctatggat ttccttggag 300  
 gaacaccagg atgctttgga acttatcatg agcaaatatc ggaaacagat gttacagtta 360  
 atggttgcta aaaaagcggg ggatgctgaa ccagtcctga aagctcacca gtctcactct 420  
 gcagaaattg agagtcagat tgacagaatc tgtgaaatgg gagaagtgat gaggaaagca 480  
 gttcagggtg atgatgacca gttttgtaag attcaggaaa aattagccca attagagctt 540  
 gaaaataagg aacttcgaga attattgtcc atcagcagtg agtctcttca agccagaaag 600  
 gaaaactcaa tggacactgc ttccaagcc atcaataaac tgaactctga atgatggctg 660  
 gagattgtct atcaaggaag gaagttactg tcttccatt caagtactgt ccattaagtg 720  
 tcttgctca gatttgattt aatcttaatt aaaggtatca ggtggca 767

<210> 5999  
 <211> 495  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (408)...(46)  
 <223> similar to gi2367264 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5999  
 catatgacca tcgattcgag gtccggtgcg ttacattgca tgcactggaa tgacactgcc 60  
 ctgtccccac ccaacttact tgccttgca cactttcgc acttcgctca tggcactgat 120  
 aagccgtggg tcgtagtcac ttccagcac ccattgcagt acgtcagtg cgaggtaatt 180  
 ccactggta cgcggtgcca caaacgcccc gcgataacgt ttcatttcaa tcagccgctt 240  
 cgccatcagc gaacggaaca cctcacggat gatgttgccg gaggttgcaa actcctcaca 300  
 gaggttccgc tcagccggaa gcggcgagcc tggcacgtat ttgccgtgac cagatctgtt 360  
 taccagggt aatggcaatg cgttcggttt tattgagagt catggagagt ccttgtgctc 420  
 ggtatgttct tctctacttt ccccgatcg atgcataacg cggcatcttt gtagtgccag 480  
 cgtgatcacg ttcgc 495

<210> 6000  
 <211> 1059  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1006)...(373)  
 <223> similar to gil491702 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 6000
gtttccttat ttgttaaatgt ttttcttttt ttaaatacgct ccttgaggag cagtgcataac      60
tcttaggcag tgcagctgag ctgtcaacaa ctactgttat acagagaaca taagaatggg      120
taattagagg aggtaggata ttgttggtgc agctatatta tttaaaattg gtggaagtcc      180
aggccgagca ccgcggctca cacgtgtgat cctcaagaat ctaacacacg aggagcgtga      240
ccagtttcta aggggaactg tgcacacaga cccagagggc accttactaa actcaggagc      300
aacagagtga gcatgtgtct cctctgacct ggctaggaga cagatccagg catagaccct      360
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gtgggttcag ccactggaga aggagatgga tccagtcata gacctgccag gctgctgatg      540
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aggctgctgt ggggtcatcc actggaggag acggatccgg gcatagacc gccaggctgc      960
tgtgggttca gccactggag gagacggatc cgggcataga cccaccaggc tgctgggggt     1020
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<210> 6001  
 <211> 2055  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1440)...(838)  
 <223> similar to gi3875538 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6001

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<210> 6002

<211> 6655

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4793)...(988)

<223> similar to gil89036 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6002

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<210> 6003  
 <211> 2462  
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 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (727)...(2123)  
 <223> similar to gi4378022 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 tt 2462

<210> 6004  
 <211> 4652  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (939)...(1912)  
 <223> similar to gi495568 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6004

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gctcacggaa	tagtaaagaa	acacatcata	aaacctccca	ggacataaag	gtgagcacag	180
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<210> 6005

<211> 3156

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (92)...(2052)

<223> similar to gi485123 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6005

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gctgtggtgg	attggcattc	tgacgttgta	tctcatgcac	agaggaaagc	tggactgtgc	240
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<210> 6006  
 <211> 3143  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (104)...(2945)  
 <223> similar to gi33985 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6006

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cattttacaa	atgaaaaaaa	aaa				3143

<210> 6007

<211> 1622

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1381)...(849)

<223> similar to gi4335943 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6007

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gacaaatgat	tccagaccat	aaatagtggg	tgccaaagaa	acttatatgc	ttaacatatg	300
aataaccttt	gttaatgaaa	aaacaggagg	cagcccataa	tggtattaaga	tacattcagt	360
tactggataa	ctaggttggt	ccctaaaggg	catttttatcc	aaaaggagaa	atcgtggctg	420
gcagagaaaa	gcgatataata	ccttacacaa	tgagaaaata	aactggcaag	attaatggca	480
tgcatgttta	atactgggaa	aatcacagcc	ctccaaaatt	tctgcacggt	ttgttataaa	540
agccctctgc	actcaactaa	aattaaaatg	atcttaaaag	gataataact	gtaaagttta	600
agtctcctca	gccacagaaa	ttgcaatgga	aataaatgtt	cagagtccat	tttcaaaaca	660
aaaccaaaac	gaaaaatcta	ttcttccgat	gacatgcaag	atacactgct	ctacattccc	720
aatgactagg	aaaaaaaaaa	cctcaagtca	attttttagtt	tgcatatgct	caagaatttt	780
gtattccagt	agttgttggt	gaaaagatcc	aaaagatttg	aactcctgct	ggaatacaaa	840
attcttgagc	atctgctttg	taattgtaag	agcaattgtg	tacatctgag	taacggtgta	900
caccacagta	aacattttcca	caccggcatt	caaaccaggt	aagtcccact	ttcttccctgc	960
acatgaaaca	gcgattcttt	ttttgtttcg	gtttttcaag	agacttgctt	tgctcttcag	1020
atggctgctg	tgctgtgtct	gatactgaag	cctgcacatc	ttctgtttca	ggtagctgct	1080
tgccacaga	tgtactgtcc	aattgagaag	atgctacaga	ttctgataaa	agtgactgat	1140
ttgatacagg	gctgggctgc	atagatgaag	atgtagagtc	taatgctgac	tgggcttctg	1200
gcacactgcc	atctgtgcat	tgaacagggt	ggcttattct	accattacta	ctattctgtc	1260

tttgaagatg	ttcttttatag	catactgaac	acatgccatt	tgtacgaggg	tttccataaa	1320
atccacagcc	agtggaaaca	agcataggca	cttggctgtg	attagtttct	tgagccatgt	1380
tcctcagttg	cacacccaag	ttcccccttct	ggtaagcagc	taagtcagtg	tcttttgatc	1440
tggcggcggg	tctctccgcc	tgacacgctg	cgcgccgccg	ccggtagccg	ccggtgaatg	1500
ggtacaggta	atgccgccga	acccctgctt	gcctccgtcc	gccaccgccg	gccccctcgt	1560
ccgctgttta	ttaaactttt	ctgtttgggt	gttcggccta	tgacgcgacc	gcgctcgtgc	1620
cg						1622

<210> 6008  
 <211> 1081  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1082)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (133)...(684)  
 <223> similar to gi5360235 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6008						
aaactacatt	ttgcaaagtc	attgaaactct	gagctcagtt	gcagtactcg	ggaagccatg	60
caggatgaag	atggatacat	caccttaa	attaaaaactc	ggaaaccagc	tctcgtctcc	120
gttggccctg	catcctcctc	ctggtgccgt	gtgatggctt	tgattctgct	gatectgtgc	180
gtggggatgg	ttgtcgggct	ggtggctctg	gggatttggt	ctgtcatgca	gcgcaattac	240
ctacaagatg	agaatgaaaa	tcgcacagga	actctgcaac	aattagcaaa	gcgcttctgt	300
caatatgtgg	taaaacaatc	agaactaaag	ggcactttca	aaggtcataa	atgcagcccc	360
tgtgacacaa	actggagata	ttatggagat	agctgctatg	ggttcttcag	gcacaactta	420
acatgggaag	agagtaagca	gtactgcact	gacatgaatg	ctactctcct	gaagattgac	480
aaccggaaca	ttgtggagta	catcaaagcc	agggactcat	ttaattcggt	gggtcggatt	540
atctcgccag	aagtcgaatg	aggtctggaa	gtgggaggat	ggctcggtta	tctcagaaaa	600
tatgtttgag	tttttggaag	atggaaaagg	aaatatgaat	tgtgcttatt	ttcataatgg	660
gaaaatgcac	cctaccttct	gtgagaacaa	acattattta	aatgtgtgaa	gaggaaggct	720
ggccatgacc	caaggtggac	ccaactaccc	ttaatgccaa	agaggtggac	aggataacac	780
agataagggc	tttattgtac	aataaaagat	atgtatgaat	gcatcagtag	cctgaaaatt	840
gccttatttc	tccctttctt	ctcactggag	ttatttttaa	tattatcttt	cctatcagaa	900
ttacctagtc	ccttctttga	atatacagaa	gccatcacgt	gagtttatca	tttgcttccc	960
aattgttcta	ttttccttta	attttctttc	ttcttgtcct	tcattttctaa	ttacctgaac	1020
atgggtatgat	ttactgcac	ttcagatata	cacatataac	atcaaaaantn	aggccaatat	1080
a						1081

<210> 6009

```

<211> 1630
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (274)...(1333)
<223> similar to gi311833 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6009
gtctaaacac ttctttccct gaggactgga agacattaga ataagctcca gacaattcaa      60
acattgagat tcctgggaac taccagatag tagcatcagt tcaccaagaa atgaagctgg      120
tgaggcagtg aaaatccagg gcctagaaaag ctgggaatgc catgacgtgg gcacattgaa      180
agacaagagg caggcatgat cagccttgaa ctttaggaag atcccaggaa gctgatggaa      240
gacaagatgt ggagtgaatg tgaagggtcca gaaatgtcct tgggtgtgtct gacagacttt      300
caggcccatg cgcgagagca gctgtctaag tcaactcggg attttattga aggtggagca      360
gatgacagca tcacgcggga tgacaacatt gcagcattta aaagaattcg cctccgtccg      420
cggtacctga gagatgtgtc tgagggtggac accagaacca caatccaagg ggaggagatc      480
agtgcacctt tttgtatcgc acccacaggg ttccactgcc ttgtctggcc tgatggggaa      540
atgagcacag caagagctgc ccaagcggct tggatatctgc tacatcacca gcacatttgc      600
cagctgtagc cttgaagaca ttgtcattgc agtccccgaa ggccctccgat ggttccaact      660
ctatgtgcat ccagacctgc agctgaacaa acagttgatc cagagggtag aatccctagg      720
tttcaaagct ttggtaataa ctttgatac acctgtatgt ggcaacaggc gacatgacat      780
tcgaaaccag ttgaggagga acttaacact aacagatctt caatcaccta aaaagggaaa      840
tgcaatacct tatttccaga tgactcctat cagcacttct ctctgctgga atgatctctc      900
ctggtttcag agcataactc gattgcccac catcctgaaa gggattttga caaaagagga      960
tgcagagtta gctgtgaagc acaatgtcca gggatatcatt gtttccaacc atggtggggag     1020
gcagcttgat gaggttcttg cttcaattga tgctttgaca gaagtgggtg ctgctgtaaa     1080
ggggaaaatt gaagtctacc tggatggcgg ggtccgaact ggcaatgatg tgctgaaggc     1140
tctggccctt ggagctaagt gcatttttct tggagaagca atcctatggg cccttgccctc     1200
caagggtgaa catggtgtta aggaagtttt gaacattttg acaaagaggt tccacacttc     1260
catggccctt tacaggctgc cggtcggctg ctgagatcaa tcgaaacttg gtccagtttt     1320
ccaggctgta agaaaaaagg gccaaataacc agactgctga ggttgcccac agaaggatcc     1380
ccaaattcca gcaccagtgt gtgatgctgt ccttcctgga cccattctg tccggaggct     1440
catggcccat atttcccaca tttctaatac caccacccct gtgcttcagg ccctccaaac     1500
ccctgtgttc cccaaatggt ccatgccctt ctttgtatca ctgactatta tatgttgctc     1560
tcttgccctaa atcttcctct gaagtaaaag atctcaaaag gacagatcat taatgactgg     1620
aaaaaaaaaa                                     1630

```

```

<210> 6010
<211> 369
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (44)...(355)
<223> similar to gi4877550 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6010
agtccactgg catcttcatg accatagaga aggctggggc tgacttaatg ggggagccaa      60
aagggtcatc atctctaccc cctctgtgta tgccccata ttcataatgg gcatgatccc      120
tgagaagtct gaaaacagcc tcaagatcat cagcaatgcc ttctgtacca ccaactgctt      180
aatcccccg gccaagcccat ccatgacaac tttggcattg tggaaggact tgtgaccaca      240
atccatgctg ccactcctgc ccagaagact cgatggcctc tgtgggaaac tgtggcatat      300
gtctgtgggg ctctccagaa catcatccct gcactactg gtgttgccaa ggctgtgggc      360
aaggccatc

```

<210> 6011

<211> 3340

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (21)...(2213)

<223> similar to gi3043738 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 6011
ttccgtcccc gagcatcacg ctgggagaag acttcgccgc tcggggccgc agcctgttgg      60
gcaaggcgag catcatggcc tcggattgcy agccagctct gaaccaggca gagggccgaa      120
acccccacct ggagcgctac ctgggagccc tccgtgaggg caagaatgac agcgagcagt      180
ttgcagccct gctgctagtg accaaggcag tcaaagcagg tgacatagat gccaaaactc      240
ggcggcggat cttcgatgct gtccggttca ccttcccca tctctctctg accaccaagg      300
aggcgccgga tggctgcctt gaccatgttc tcggggcttt ggggtgtggc ctgctggcct      360
gcttctgcag tgacctgaa ctggccgccc atccccaa gtgaacaag attcccattc      420
ttagcacctt cctcacagcc cggggggacc cggacgaatg ctgcccgcgc ctccatgatt      480
gatgacacct accagtgcct gacggctgta gcaggcacac ccagagggcc tcggcacctc      540
attgctggtg gcaccgtgtc tggcctatgc caggcattcc tggggcacgg gtatggcttt      600
gaccaggccc tggcactcct ggtggggctg ctggctgctg ccgagacaca gtgctggaag      660
gaggcgagac ccgacctgct ggccgtgttg cggggcctca gtgaggattt ccagaaagct      720
gaggatgcca gcaagtttga gctctgccag ctgctgcccc tctttttgccc ccgacaacc      780
gtgccccctg aatgctaccg ggatctgcag gccgggctgg cagcctcctt ggggaagcaag      840
ctgagctcct ggcagcgcaa ccctgcaact aagctggcag cccgcctggc acacgcctgc      900
ggctccgact ggatcccggc gggcagctcc gggagcaagt tcttgccct gctggtgaat      960
ctggcgtgcy tggaaagtgc gctggcactg gaggagacgg gcacggaggt gaaagaggat      1020
gtggtgaccg cctgctatgc cctcatggag ttggggatcc aggaatgcac tcgctgtgag      1080
cagtcactgc ttaaggagcc acagaagggt cagctcgtga gcgtcatgaa ggaggccata      1140
ggggctgtta tccactacct gctgcagggt gggtcagaga agcagaagga gccctttgtg      1200
tttgccctcg tgccgatact ggggtgcctg ctggccgagg agacctcatc cttgcgtaag      1260
gagggtgtgc agctgctgcc cttcctcgtc cgctatgcca agacctcta cgaggaggcc      1320
gaggaggcca atgaccttcc ccagcagggt gccaacctgg ccatctcccc caccaccca      1380
gggcccacct ggccaggaga cgctctccgg ctctcctgct ctggctggtg ccacctgacc      1440
gttgaagatg ggccccggga gatcctgata aaggaagggg cccctcgtc tctgtgcaag      1500

```

tatttcctgc	agcagtggga	actcacatcc	cctggccacg	acacctcggt	gctgcctgac	1560
agcgtggaga	ttggcctgca	gacctgctgc	cacatcttcc	tcaacctcgt	ggtcaccgca	1620
ccggggctga	tcaagcgtga	cgcttcttcc	acatctctaa	tgaacaccct	catgacgtcg	1680
ctaccagcac	tagtgacgca	acaggggaagg	ctgcttcttg	ctgctaattgt	ggccaccctg	1740
gggctcctca	tggcccggct	ccttagcacc	tctccagctc	ttcagggaaac	accagcatcc	1800
cgagggttct	tgcagctgc	catcctcttc	ctatcacagt	cccacgtggc	gcggggccacc	1860
ccgggctcag	accaggcagt	gctagccctg	tcccctgagt	atgagggcat	ctgggcccac	1920
ctgcaggagc	tctggttcct	gggcatgcag	gccttcaccg	gctgtgtgcc	tctgctgccc	1980
tggctggccc	ccgctgccct	gcgctcccgc	tggccgcagg	agctgctcca	gctgctaggc	2040
agtgtcagcc	ccaactctgt	caagcccagag	atggtggccg	cctatcaggg	tgtcctggtg	2100
gagctggcgc	gggccaaccg	gctgtgccgg	gaggccatga	ggctgcaggc	gggcgaggag	2160
acggccagcc	actaccgcat	ggctgccttg	gagcagtgcc	tgtcagagcc	ctgaggggtg	2220
tccaccgggg	acagaccag	gggcgggcag	agaggggaagg	agggaggagg	catcttccct	2280
gaagccccca	atctggcccc	ccccccccca	gacttcctcc	ccaaaacacc	ccagctttct	2340
ggcttttctg	agggcaaggg	catggtgccc	acccctcaag	tgtaaggaaac	tgcgttccgc	2400
ccctcaggcc	cccatggggg	cagggatcgg	cttggaatc	aacgtggttg	tccccgccag	2460
gccggggaag	gttgagcag	ccccaggga	ggggggcact	aggtgtcatt	gtgcccgatg	2520
tctggctccc	ctgcaggagg	gaggctccag	ggtaagacag	ggctggcagg	agcagactgc	2580
ctcagcccat	gtgccctgcc	ggccagggcg	tgggctcccc	tcggctgtgg	tgcctcctct	2640
ggccccccag	gtccacgtcc	tttaaattgg	ccctttggct	cttgcccttg	gctcccttgg	2700
gcagacagca	ggcttaggcc	attgatatcg	cagttcttcc	tatcagcttc	agtgacccag	2760
ggtctgaact	gcctccatcc	tagggcaacc	tggggcagac	aggcctggtg	gggggtgggg	2820
aaacctcctt	ccacctgagc	ttgcttgaag	ggaccagag	tctttgggoc	cagatcttta	2880
aacctttgtg	tctgtttgca	gcagagtgc	gatgggggtt	gggggggttat	ttattttgcc	2940
tgtccttatc	cctgcttgga	cacctgagca	tctgattcct	gtccccctgg	tgccatctgg	3000
cctggctgga	gccaggaaca	ggagggaac	ttccccagaa	tccgcatgtt	tccccagtga	3060
ttacactcca	ctgccaccgt	ggtgcctggc	tttaactccc	acccctgcta	tgactcctct	3120
ctgcagagac	gcgactggcg	gctccagcag	ggactacctt	tcttataaac	ccagggggac	3180
cacacacaca	cacacacaca	cacacacaca	cacacacaca	cacacacaca	cacactcttg	3240
atcccttgct	tccctcccc	agtgcgttgt	gagatcgcca	agttcaaagc	tgtgcacatg	3300
tggacactca	ataaatgttg	cattggtgaa	aaaaaaaaaa			3340

<210> 6012

<211> 1310

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (79)...(951)

<223> similar to gi443919 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6012

gttaaaaagg	cggtcgggcg	gagccgcggg	cctccgacgg	cgggaggaca	gcgctgcgag	60
gagcgccccg	ggacagtcac	ggagcgccgc	ctgggagtga	gggcctgggt	gaaggagaac	120
cggggtcctt	tccagcccc	ggtctgcaac	aagctcatgc	accaggagca	gctcaaagtc	180
atgttcgtcg	gaggcccaa	caccaggaag	gactatcaca	tgaagagggt	tgaagaggta	240
ttttaccagc	tggaggggaga	catggttctc	cgagtccctg	agcaaggga	acaccgggat	300
gtggtcattc	ggcaggggaga	gatattcctc	ctgctgcca	gggtgcccc	ctcaccacag	360



aggtttgcca	acaccgtggg	gctggtgggt	gagcgaaggc	ggctggagac	cgagctagat	420
gggctcaggt	actatgtggg	cgacaccatg	gacgttctgt	ttgagaagtg	gttctactgc	480
aaggacctcg	gcacgcagtt	ggcccccatc	atccaggagt	tcttcagctc	tgagcagtac	540
agaacaggaa	agcccatccc	tgaccagctg	ctcaaggagc	caccattccc	tctgagcaca	600
cgatccatca	tggagcccat	gtccctggat	gcctggctgg	acagccacca	cagggagctg	660
caggcaggca	caccactcag	cctgtttggg	gacacctatg	agacccaggt	gatcgcttat	720
gggcaaggca	gcagcgaagg	cctgagacag	aatgtggacg	tgtggctgtg	gcagctggag	780
ggctcctcgg	tggtgacaat	ggggggacgg	cgctgagcc	tgggcccctg	gatggacagc	840
ctcctggtgc	taagctgggg	accttcgtat	ggcctgggga	gcgaacacaa	ggctctgtgg	900
cctgtctgt	gaccccagga	ccctgcctgc	aaaaaaagcc	cctggggtga	accctcttgc	960
catggcctga	aagcagccac	aggtgtgcca	agcaccctcg	aagtgccatc	cctgccaaac	1020
aactctccca	gccccacta	cctctctgtg	tactgccgct	gtgtcccca	cagacctgca	1080
cattgttgtc	accaccctc	ctgcccttct	cagcccagat	gccatgcccc	tgggcgggca	1140
gcagctcccc	atcttctctg	gcagactcag	cccactgcct	tgccagtctt	gccaggtggg	1200
ctacccccgg	ccccgctcct	gcccatctct	ctgtccctgc	agactcagtg	cagcacttcc	1260
acaccaagaa	ggccctcaat	aaaggcttcc	tgaggaacgc	aaaaaaaaaa		1310

<210> 6013

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (20)...(228)

<223> similar to gi3093371 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6013

ggacagatgc	ctcatgttga	agcagggggtc	tcaacctggc	tcacctccag	caacattgag	60
cctccagcac	ctcctgtcta	ccaagccccg	tgccagtcct	gcccagaacc	cccaggagcc	120
catgagccct	ctgactctcc	acaccatacc	ccagtccatc	ctcctccaga	gcactcggcc	180
gcctgtcctg	ccccagccac	gtgctgtccg	cccccgagaa	gtctctatgtc	ataaatctta	240
actcagatgg	gagaggggagc	ctcagagtca	catagccctg	ggcccaaacc	ccagctcctc	300
cacccaagta	ctgatgggtca	ggttcttcag	cctcagtttc	tgtagctgta	agatggggag	360
aatgatctct	gggaggggtta	aatgtgcggc	aaaatggcca	agagttgggc	tctgggacta	420
ggaccatg						428

<210> 6014

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (339)...(163)

<223> similar to gil054887 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 6014
gtgtaagtca gagtgaagcc ttttacactc tgccctcttg gtacctgagt ccttgtctgg      60
catccaggaa ggataaggtc acacatggac ttgaggggtg tgaatgcaga ggttttattg      120
agtgatggaa gtggctctca gcaggatgat ggggaagctg gaaaggggat ggagtgggaa      180
gatgatcgtc gcctggaatt cggccatcct gtgaccgatc tcctctccag ccatccccag      240
ccaaactcct ctcaatgttc agatgctcct tctcttctcc tctgccatgc cattctgctg      300
ctcttctgtt ctgctcttct gcttgtggag cctggggggt ggggtttcaa tgggtacagg      360
ataagggggc gtggtg

```

<210> 6015  
<211> 2372  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (238)...(1624)  
<223> similar to gi3133134 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 6015
attcggggca gcaacgcgca gaaggtggtg ggcgcctcgg gctcgggggg cgcgggcccc      60
caacccgatc cggcggggccc ggggggcgtc ccggcgctgg cggcgcgctt cctgggcgcc      120
tgcgagcccc gctgcgcgcg gccctgtccc ctgcccgcgc tcagccgctg tcggggcgcg      180
gggtcgcggg ggtcgcgggg cgggcggggg ggcgcggggg ccggggacgc cgccgcgcgc      240
gccgagtgga tcgggaaggg cagcttcate cacaaccg cgacggctg gctacacccc      300
gacgccaggg tcctggggcc cggggtctcc tacgtcgtgc ggtacatggg ctgcatcgag      360
gttctccgct ctatgcgtc cctggacttt aacacgcgca cgcaggtgac caggggaagcc      420
atcaaccggc tccatgaggc cgtgcctggc gtccggggat cctggaagaa aaaggccccc      480
aacaaggccc tggcgctcgt cctgggcaag agcaaccttc gctttgccgg catgagcatc      540
tccatccaca tctccactga tggcctcagc ctctccgtgc ctgccacgcg ccaggtcatc      600
gccaaaccac acatgccgtc catctccttc gcgtcaggcg gagacacgga catgacggat      660
tacgtggcct acgtcgccaa ggaccccatc aaccagagag cctgccacat cctggagtgc      720
tgtgagggcc tgggcacaga gcatcatcag caccgtgggc caagctttcg agctgcgctt      780
caagcagtac ctgcacagcc cgcccaaggg ggcgctgccc ccagaaaggc tggcagggcc      840
ggaggagtgc gcctgggggg acgaggagga ctctttggag cacaattact acaacagcat      900
cccggggaag gagccgcgcg tgggcgggct agtggaactc aggctggccc tgacacagcc      960
ctgcgccttc acggccctcg accaggggcc atctccttct ctaagagatg cctgcagcct      1020
gccatgggac gtggggtcca ccggtacagc tccaccgggg gacggctacg tgcaggcgga      1080
cgcccggggc ccccgggacc acgaggagca cctgtatgtc aacaccaggg gtctggacgc      1140
ccccgagccg gaggacagcc ccaaaaagga tctgtttgac atgcgaccct ttgaggatgc      1200
cctgaagtgt catgagtgtc cagtggcggc aggcgtgaca gcagcccctc ttccttggga      1260
ggaccagtgg cccagccccc ctaccgcgcg gggccctgtg gccccacgg aggaacagct      1320
gcgtcaggag ccctggtacc acggccggat gagccgcgcg gcggcagaga ggatgcttcg      1380

```

agctgacggg	gacttccttg	tgcgagacag	cgtcaccaac	cccgggcagt	atgtcctcac	1440
cggcattgcac	gccgggcagc	ccaagcacct	gctgctcgtg	gaccccgagg	gcgtgggtacg	1500
gacgaaggac	gtgctgtttg	agagcatcag	ccacctgata	gaccaccacc	tgacagaacgg	1560
gcagcccatc	gtggccgccc	agagtgcgct	gcacctgcgt	ggcgtgggtct	cacgggagcc	1620
ctgagccagg	tgaccgttct	cagccctggc	tcctgcctgt	tctcagcccc	ggctcctgcc	1680
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gcctctcctt	cctccgcatg	agcctctggc	atggtccttc	ctccagctgg	ccccgggctg	1800
ggcagagcct	cctcctgccc	gggcccctgc	ccacccccctc	ctttgcctgg	agtgcgggtg	1860
ttcataccaa	agacggaacc	atttcgcctt	taaagaaaat	atatccagaa	gcagccgctg	1920
cctcggagcc	ctggcccgtg	ggccccctc	tcgcctggct	ggttcgggtct	aacgccccgg	1980
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<210> 6016

<211> 2667

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (20)...(983)

<223> similar to gi31336 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6016

gggggggggac	agtgtctggga	tgactatgga	gacccaaatg	tctcagaatg	tatgtcccag	60
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agctgcagct	ccccaaagg	ctgtgttgaa	acttgagccc	ccgtggatca	acgtgtcca	180
gggaggactc	tctgactctg	acatgccagg	gggctccgca	gcctggagga	gcgactccat	240
tcagtggttc	cacaatgggg	aatctcattc	ccacccacac	gcagcccagc	ttacagggtt	300
aaggccaaca	acaattgaca	gcggggagta	cacgtgccag	actggccaga	ccagccttaa	360
gcgacctgt	gcattctgact	gtgctttccg	aatggctggg	gctccagacc	cctcacctgg	420
agttccagga	gggagaaacc	atcatgctga	ggtgccacag	cctggaggga	caagccctct	480
ggtcaaggtc	acattcttcc	agaatggaaa	atcccagaaa	ttctcccatt	tgatccccc	540
cttctccatc	ccacaagcaa	accacagtca	cagtgggtgat	taccactgca	caggaaacat	600
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cagctcttca	ccaatgggga	tcattgtggc	tgtggctcatt	gcgactgctg	tagcagccat	720
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gagacaactt	gaagaaacca	acaatgacta	tgaacagct	gacggcgggt	acatgactct	900
gaaccccagg	gcacctactg	acgatgataa	aaacatctac	ctgactcttc	ctcccaacga	960
ccatgtcaac	agtaataact	aaagagtaac	gttatgccat	gtgggtcatac	tctcagcttg	1020
ctgagtggat	gacaaaaaga	ggggaattgt	taaaggaaaa	tttaaattgga	gactggaaaa	1080
atcctgagca	aacaaaacca	cctggccctt	agaaatagct	ttaactttgc	ttaaactaca	1140
aacacaagca	aaacttcacg	gggtcatact	acatacaagc	ataagcaaaa	cttaacttgg	1200

atcatttctg	gtaaatgctt	atgttagaaa	taagacaacc	ccagccaatc	acaagcagcc	1260
tactaacata	taattagggtg	actagggact	ttctaagaag	atacctaccc	ccaaaaaaca	1320
attatgtaat	tgaaaaccaa	ccgattgcct	ttattttgct	tccacatttt	cccaataaat	1380
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cctcccagta	gctgggatta	gaggcatgtg	ccatcatacc	cagctaattt	ttgtattttt	1620
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acctgagtcc	caaagctccc	tgtcctgaaa	gccacagaca	atatgggtccc	aaatgactga	2100
ctgcaccttc	tgtgcctcag	ccgttcttga	catcaagaat	cttctgttcc	acatccacac	2160
agccaataca	attagtcaaa	ccactgttat	taacagatgt	agcaacatga	gaaacgctta	2220
tgttacaggt	tacatgagag	caatcatgta	agtctatatg	acttcagaaa	tgttaaaata	2280
gactaacctc	taacaacaaa	ttaaaagtga	ttgtttcaag	gtgatgcaat	tattgatgac	2340
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cattctgttt	accttttcag	ggctgtattg	attgggggtg	agactgaact	atccggggtc	2460
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gagagagggg	gatttgaggt	gtagggtgag	tgccctctt	cttagaactg	aatactcttc	2580
ttctaataaa	cttgatttct	tgtttccatg	tcttcttccc	tttcttctta	tagcaaataa	2640
agcattcact	ttgttttgga	aaaaaaa				2667

<210> 6017

<211> 1989

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1376)...(691)

<223> similar to gi4929649 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6017

cctttttttt	ttttttaaca	tcaaatttgg	tttatttcaa	gtttgtaaca	aaatatattc	60
taggcaactt	ttcagacatt	gttttatagc	atcataaacc	ccataccact	gctgtcattc	120
caaaagctgc	caggacactg	gaagttatca	agtgggtccag	cccaggaata	caggtagaat	180
tcacatgata	ggtgataaga	aagcaatgtc	tgtggggccac	tctgatccct	ctttttacct	240
tggtaggtaa	ggtatgatct	taagactata	tgtactgagt	cctattagtc	agtgaaaaag	300
attaaagtga	caagttatgt	gctttgttcc	tatagctttg	aagttcatcc	acctcaccag	360
caattggaag	gtctcaggtc	ttgcaggctc	tacccatgtg	taatcctggg	gcagggtgtga	420
atcttgattt	ttttaagaga	ttactcaagg	gagagaacaa	cagaaaacgga	agccatgagt	480
actgccccaa	ttctagatta	ggttagagggt	tagaataaat	taactaatgg	ggagtggtag	540
tgggtagcag	tcagaccag	gagacagatt	tgtgtgggtt	cctgatctca	gcaaggctta	600
aggaaaaaag	cctccccgcc	ccccacctt	aaatagtggc	atcaagtcac	gaaggccagt	660
gaaacgtggt	tagtctcgta	aaatgacttc	cagttcttcc	aggtccttct	ggatagccaa	720

atcctccttc	gtgacatctg	gcagctccag	ggccaacttc	atccaccatc	tagcttcaga	780
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tggctgtagt	tcttcagcct	ttaggaagct	ctggagggca	tcttcacag	tggcactgag	900
agggttttca	agcaaggctg	tagcagtttt	tttttctagc	cagctcaggt	gagagacctg	960
atagcaccac	ctgccaagaa	gaaagtgagc	catggggttt	tctggctgga	gagcaatggc	1020
tttgtccaca	tgtctcttga	agctaaagcc	actctggatg	cgctctgga	tgtctctcatg	1080
ctcagccagc	tgaccacaaa	gcaccgcata	ccacaggtga	caagtcagca	ctcttcctcc	1140
cccttctcca	gagcagcctc	tgtttcttct	tttccatcta	gggcatatga	cttcttctcg	1200
ctcacctcct	cagtgaagctc	acacatgtca	ctgtaggctc	gggccaggcg	ccagagaaag	1260
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aagcctgagg	aacctccagc	ctccagggca	ctggaggcac	ctgaagctgc	ctcttcctcc	1440
aagtcaagag	aatcctttct	ccccatcttc	acagtctcac	agctcacttc	atcttccccg	1500
tcctcacttt	ctttgtcaga	gtcccgtcca	ttgtcagact	ccgcattggc	tgttgtgtaa	1560
cccccttcac	tctcagcatc	tgtgaacgtg	gctcccagg	aggccgtgaa	gtagacagag	1620
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gtcccatcca	gcttgtcttt	ctgtccacca	tggggtgcct	cttactactg	ctcttcatta	1800
aagggtctaaa	agcagagaaa	atcctaagtc	tctaaccctc	aggagggcaa	gcagggcagc	1860
ttcttggggc	cagcccgcac	agacagacta	ggttaggcaa	acagagcgct	tcagctgcta	1920
caacagatca	accatgagag	tccagaagca	gcaaggagca	tgtgcaaggc	gaggtaccaa	1980
atgtacagc						1989

<210> 6018

<211> 3133

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2503)...(531)

<223> similar to gi3777596 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6018

tttttttttt	ttgccaagat	ccaaagaaaa	aattttat	acaatagaga	attttat	60
aaacatgcat	ttcttg	tttaaaaa	aatcagcaa	tgcagatcaa	gtttacactc	120
cttaaggcca	agagtcccc	tatgcacgct	gtacatgttc	catattaaat	cccaaaagct	180
gactcacc	tggggaactt	gtgttacaaa	ggggcaaggc	ccaaggtcag	caatggtgtc	240
ttttat	aggaatcaga	caatctccct	ggatacagga	actctgagg	tcaacttgct	300
atgaattata	ctagggggaa	atgcaaacc	aataggccag	gaaattctgg	ataggtctcc	360
cttaggtacc	tggcatacaa	tcaaatcaat	tttat	aaagggaat	acagtaggtg	420
catacgaaaa	agtgaaaaca	gaacctggtc	catggaactg	gaggaacagc	agtgtgccga	480
cggtcatt	gcacgcaaca	gttaagtcca	aaacattcgg	ttcagagtta	gcttttcccc	540
at	tcagttcgtc	acaaatcttg	gtgagttctt	ctatttcttt	attcttctgc	600
tccagcgtcc	tttcagggc	gtccaactcg	gcagctgctc	ctttccgcaa	ggctggcctg	660
gtgggcggct	tgtcctgct	gggccttgcc	tgaacctga	gcaatcttca	gcattggccc	720
tgtccagttt	ctcctccagc	gtgcaccttc	agggcctgg	acctctgctc	ctccttcttc	780
acccgggaca	ggtactcctg	cgcacatctc	ttcaaacct	cttcattctt	gcggaagcct	840
tctaggacct	ccttcattct	ctcatatctt	ctgaaggagt	cggccagaga	ctttctccac	900

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ggggagactg	acttctctct	ctgttcgtcc	tctatcatct	gagcgatggt	cttctcatac	1020
tcggccacta	ttttcctcat	ttccatcact	tcccgcctgc	tttcttcata	tttatctttc	1080
cattctgaga	cctctctctc	cttggttatg	atctctgctc	tggcgatctg	gagggcagag	1140
tccaggtcgg	gctgctggaa	cagaaggcct	gcaggtttct	ccacctcagc	ggtcccgatg	1200
cgggagtaca	aggctgtttt	ggagatggag	acgtctgttg	ggtgagcagc	ctctctctgg	1260
agtttctgag	cgaatagtgg	ggggttcttt	tctgctaagt	cgggctccag	atagtcaagt	1320
gcaccacaga	gagagacggg	gtgagctagc	ctgctgagga	gggcgtcagc	agaggcaaag	1380
gagccctcgg	gagctgtaat	ttcaatcgct	tctgaagggg	tgcccaagcc	catggcctcc	1440
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cctcgtggga	caggatgctg	gtttttcgca	gcagtgttca	caagggcttc	agtctcttca	1560
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tcaaaggtgt	aagtaccttt	agcaatgggg	atgtcattgg	gttcagcagg	ggatctggga	2340
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gctggagagt	cctcttgccc	cccgcctatcc	gatgggggtta	cctcccctgc	ctccggggcc	2580
gtggtaagag	gcagcgtttt	cctcccagaca	gggggtgagt	tctgcactct	gccacctcca	2640
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ctggaacccg	tgctatatgc	atctggggca	agggccacgg	cctcgggatt	gcctgaggaa	3000
gaagcccat	caaagtcact	ggcttgacgg	ctgagcgacc	gggacagtgt	agacttagag	3060
atggggacgg	aatccgtgga	cttcctccgt	gtgttcaata	agccctcctg	attcttagcg	3120
tctgaggcac	gaa					3133

<210> 6019

<211> 350

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (92)...(338)

<223> similar to gil60379 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 6019
agaagatcaa tgaaaactaat gattagttat tggaaacggt taccataggc aaaacttttg 60
ttagactgac caagaaaaaaa gactgaagat acaaattatc aaaatcggga atgaaagagg 120
agacatcgct cctatccctg cagaaattaa aaggattata agggaatact atgaacaact 180
ttatcccatt aaattagaca acttagagga aatgggcaaa atcattgaaa gacataacta 240
ctaaaactca agaagaaata gagaatctga atagagttat actaaataaa gcaattgaat 300
tagtaactaa aaatcattct acaaagctca taccagatg actactctca 350

```

```

<210> 6020
<211> 1098
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1003)...(424)
<223> similar to gil911548 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 6020
ttaaactccc cctcttctta agagaatttt aatgaagctg agataagagg catatttact 60
tgcagtttgc cccattgtta ccctggattc ctccgagcgc acaagcttac cgcaaggctg 120
actgtggatg tacttgggaa tctctcgtcg gctgtcctca atgctcacgt tcttagcata 180
ccttcaccct agagaaaaggc cccacatcg ggcgccagat gaaggggtgg cctgcccctc 240
cacacctgtg ggtatttcta gtcaggtggg atgagagact gagaaaagaa agaagacaca 300
gagacaaagt atagagaaac aacagtgggc ccaggggacc ggcaactcagc acaccaagga 360
cctgcaccgg caccggcctc tgagttccct cagtttttat tgactattat tttcattatt 420
tcagcaaaaa ggaatgtagt aggacagcag ggtgataata aggagaaggc caacaaaaaa 480
aacatgtgag caaaagaatc tatatcataa ttaagttcaa gggaaggtag tatgcctgga 540
cgtgcacgta ggccagattt atgtttctct ccacccaaac atctcagtgg agtaaagaat 600
aacaaggcag cactactgcc aacatgtctc gcctcccgc acagggcagc ttttctcca 660
tctcagagtt gaacaaatgt acgatcgggt ttacaccga gacattcagt tcccaggggc 720
aagcaggaga cagtggcctt cctccatctc aactgcaaga ggctttcctc ttttactaat 780
ccacctcagc acagaccctt tatgggtgtc aggcgtgggg accatcaggt ctttctcatc 840
ccacgaggcc atatttcaga caatcacatg gggagaaacc ttggacaata cgccgctttc 900
aagggcaggg ctccctgcgg ctttccacgg tgcattgtgc ccctggttta ttgagactag 960
agaatggtga tgacttttac caagtatact gcttgcaa attttgttta caaggcacgt 1020
cctgcacagc cctacatccc ttaaaccctg atttcataca cacatgtttt tgtgagctcc 1080
aggttgggtc aaagtggg
1098

```

```

<210> 6021
<211> 1344
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc\_feature  
 <222> (502)...(653)  
 <223> similar to gi5817857 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6021  
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 ctggctagga ctccagtacc gtgaagggag gcagtgagag caaacatctg tgcctcattc 120  
 ctgatctcaa ggggaaagca agaacaacac ctgtgaaggg aaggaggggtg gatcggcctg 180  
 actggccctg ggaagcacag aggagcctac tgggaccagg gaagagactg acaagagaag 240  
 ggaggcctgt ccctgcctgc ttctgtctca agaagattgt tatcacttcc tctggtgaaa 300  
 tctgccttc ctgtcccccac ggccctcag ctgatgccac cttactctgg agaggatggg 360  
 cagagcctcc tatggaggga gccctgtggg tcaccaaagc tccagtgacc acccccgggc 420  
 aaagacctgc agatcccttg ttagagacgg gcccaggact ttgtgcgggg tgcccaactgt 480  
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 gaccagtctg tgtacttctg ccaagtccag ctggacatac agatcaggga ggctgtcgtg 600  
 gcagtcctac aagggggaccc acctcaccat caccagggt gagtccagct gccctggcac 660  
 caaggaacct tcctgggtca gccataggct cagggtgtgt gagggaatga cctgaggggc 720  
 tgtatgaggg aacaacctcc tggggctccc ctatgcctga gttcctgcaa ctcagaagtt 780  
 gagggcccaga gatccaggta gagggggctc cagtccctggg actgccctgc aagtcatgtg 840  
 gcctgggaca gggcttctcc aagctctgtc ccctcctgtg tagggcaggg aggtcagagg 900  
 ggacctgca gatccagtct catgtctggg ggtcaagggg tggcctcgag agggaccagt 960  
 ctctgtgtag gggaccgtca gcccctcac cccttgagca agactgtggt ccctgcacca 1020  
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 tgggagcccc tgccaggag ggagagggac agaggacaag ctgggggctc tgggtgcttg 1140  
 gctgggggct gagegcctgt gacctccact ggcttccctc ttctcctctc tgaggactga 1200  
 atctgggggtg cagcagagca cagactcagg ccgcctttc ctctccctga aagagcctgc 1260  
 gctggccttg gacagagaaa gggatgagaa gtgaggctga gtgcgggtggg gtctgcaggg 1320  
 atccagggtg gagggggcca gccc 1344

<210> 6022  
 <211> 2075  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2076)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (510)...(1869)  
 <223> similar to gi4929553 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6022



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aacatggagg	acagatcttt	tctgtggcc	tgagggtggc	tggggacagc	aaacagactt	180
cccatctgcc	tttgtccttt	cctgcttcca	cagggtggcc	aaaccagccc	tcgtcactcc	240
ccacaccacg	tggttagggtg	ggtagacccc	acagccctgt	gtgaggagct	tctgcttcca	300
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gatctgagt	ttgccttgc	gagacacttc	tctgtgtgc	ctgagggtgt	ggccctggct	420
cagtgggctg	ctgtacatg	aagctgagt	accctggcgg	ctaccactg	agtcagtggg	480
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aatttttcac	agacaacct	tgggacacac	tccctgtctc	atggcaggaa	gcattggatg	600
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<210> 6023

<211> 6309

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (74)...(5427)

<223> similar to gi5911999 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6023

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tctgtctcat	gaattttcct	tagttgtccc	aaatactgag	gcaaacagtt	tcgaatctaa	240
agattatctc	caggtttgtc	ttcgaataag	accattttaca	cagtcagaaa	aagaacttga	300
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ttcccagggt	ttttgggccc	agcaactaca	cagaagggaat	tctttcaggg	ttgcattatg	480
caccccagta	aaagacctct	tgaaaggaca	gagtcgtctg	atttttactt	acgggctaac	540
caattcagga	aaaacatata	cattttcaagg	gacagaagaa	aatatttcgca	ttctgcctcg	600
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<210> 6024

<211> 3888

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3725)...(1430)  
 <223> similar to gi5327054 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6024

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gaggtgagga	agtagaagaa	ggtgttccca	ctgtcatcgt	actggaactg	ctgcccggcc	3720
atggcacccc	ctcctccgcc	tcgtcttctt	caccgccgcc	gccacgacca	cgctctgcac	3780
tcccgtcccc	aacgccccag	cccgagtggc	gtagcttggg	cactgccgcc	gccgcctctc	3840
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<210> 6025

<211> 2373

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (201)...(1666)

<223> similar to gi498721 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6025

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aatggctgtt	gaacatccac	aaggcacctg	caagactatg	aatcaaagtt	gagaccaaga	180
aattatttct	gaaaaaggat	atggaaaacc	ttacaaaaca	cagcattgag	tgttcaagtt	240
tcagaggtga	ttgggaatgt	aaaaaccagt	ttgagagaaa	acagggatct	caggaaggac	300
atttcagtga	aatgatattt	actcctgaag	acatgcccac	tttcagtatc	cagcatcaga	360
gaattcatat	tgatgagaaa	ctccttgaat	gtaaggaatg	tgggaaggat	tttagttttg	420
tatcagtcct	tgttcgacat	cagcgaattc	atactgggtga	gaacacctta	tgaatgcaaa	480
gaatgtggca	aggccttttg	tagtggtgca	aaccttgctt	accatcaaag	aattcatact	540
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tatgagtgtg	aggaatgtgg	gaagtccttt	atTTTTgaat	cagcccttat	tcggcatcac	780
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gcttttaata	gtggctcaga	tctcactcag	catcagagaa	ttcacactgg	tgagaaaccc	1140

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tactgcaac	ctccacctcc	cgagttcaag	tgattttcct	gcctcagctc	cccagtagct	2340
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<210> 6026

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (65)...(435)

<223> similar to gil340174 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6026

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agaaacacgc	ggggtgggtg	ggggcgtggc	cggagtgggg	aggggctgtg	ccccagcac	180
ctgggggtgg	ctccacggc	accaggtggg	ctagggcaac	agtatgtaca	ggcgagcagt	240
gctctggac	ccggtcggg	ccggctgggg	ccccattctg	cggcagggga	gctctggggc	300
acagggctctg	agtcccctct	tgggctgcag	ggaccgcgag	ggccgtccag	ggaggctgga	360
cagcgggggc	ctttatctgg	gcccctcagg	tggatgagaa	cggacactgc	aaaccgctca	420
ccacctgggc	cagggctagg	cctatccggc	aggggccgtc	cccacactga	atcctgcgtg	480
cgcagaactc	aagccggcat	ccaggcagtg	ggaacgcccc	gcaggctggg	cttgggtggc	540
ctcgggcacg	tgacagggtg	ggcccgtgtc	ctgataaacg	gacaggaaca	aaaggaacgc	600
aaggtctggg	acccacggct	ctgggagcag	cgccaccag	gctggctcct	ggcagagaaa	660
tgggaatcgc	aaatgcattg	caatgtgcag	tgaagagacg	cgagggacgc	ccgcggcgca	720
ccgccggcag	acgacgtggg	caggcgccct	gagctgcggg	tccgtggggc	ctggcccagg	780
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ggccacctcc	c					851

<210> 6027  
 <211> 5225  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (165)...(4295)  
 <223> similar to gi4884564 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6027

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cgggccttgc	cgggcaccct	ggaaaggcgg	gggtgatagt	acagatggag	acgcaactgc	180
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ttatggatac	tcctgaagat	gagaaaacaa	aactaattag	ctgtttgggg	gccttcagac	300
agttttgggg	tgggtctttct	caggagtctc	atgaacagtg	tatccagtgg	attgttaagt	360
ttattcatgg	tcagcatagt	cctaaaagaa	tttcttttct	ttatgactgc	ttagcaatgg	420
cagttgagac	tgggtctcctt	ccaccagggc	tggtttgtga	atccctgata	aactctgaca	480
ctcttgagtg	ggaaagaaca	cagctttggg	ccttaacatt	taaactgggtt	cggaaaataa	540
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tgacaattcc	taatacagtg	agctctgctg	ttgtacagca	gcttctggca	gcaagagagg	660
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aaaaa						5225

<210> 6028

<211> 5514



<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (3646)...(1248)  
 <223> similar to gi5360121 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6028

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gatagtgtcg	caagataaga	ttttattttt	caaattacat	attatcgcca	accagcctgc	180
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gaagtgaaca	tgtccttaac	atctttgggt	tgtttgcatc	aaacagacca	gttgaaagtc	1920
caatcagcaa	ggaattcttg	tttttatttt	ttggtggtaa	atgtagtgta	gatcgaaatg	1980
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<210> 6029  
 <211> 3117  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (15)...(1559)  
 <223> similar to gi4572585 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6029

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<210> 6030

<211> 4360

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (44)...(1962)

<223> similar to gi31738 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6030

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<210> 6031

<211> 7741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (146)...(6083)

<223> similar to gi641958 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6031

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<210> 6032

<211> 1812

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (237)...(543)

<223> similar to gi9449 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6032

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ggaaaaaaaa	aa					1812

<210> 6033

<211> 2631

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (87)...(538)

<223> similar to gi31843 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6033

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cagcaattgt	gagcatatca	gcataagta	ccactggtgt	ggcaatgcac	acttcaacct	180
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<210> 6034

<211> 2036

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (115)...(247)

<223> similar to gi4336401 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6034

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ccacactggc	caaatttttaa	catctttggt	attgaaatac	aagtgtttaa	tttgccggca	300
tatttttttaa	caatacataa	aatactaccg	catcttaaag	ttgatgttat	cttagattca	360
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gtgactggaa	gggagtttcc	ttgagcccca	caggagagtc	taaccaaata	ttccatttga	480
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gaagtagtta	ttaatgacaa	ctttaatatg	aacatgtgct	taaccctcaa	gaaattgtca	600
caactgaaag	acgggagcaa	gctgacactg	caaggaacac	atgatgcttt	ggaatgggtg	660
gcctgcgtat	tcaaacacat	caaagcagca	gttacttgaa	caatcggaac	ttcttcaaat	720
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gacgtgctat	ttgtaggcct	atcttcacct	acaagattga	ctggcccctt	tgtacagcag	1860
ctcagttggt	ggctggctta	ttccactcat	cttaacagtt	cgtcatgtgc	cagaccttgt	1920
actagaactg	tctttactgc	tggcttgttt	tctgccacta	gtgaaatagt	ttgaactttc	1980
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<210> 6035

<211> 3053

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(2860)

<223> similar to gi5456900 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6035

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cagtcgaggc	tgtcgataaa	ggcttcccac	ccctggctgg	tcattgtaca	gttcttgtgg	1020
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<210> 6036

<211> 1998

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1910)... (1300)

<223> similar to gi2062022 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6036

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acaattacaa	gtttgaaatc	tactagggtg	ttcatatact	tttacaaatt	catacaactg	180
tatagtctac	ttaagcttag	tgtaaacaa	aagagcaata	tcaaagacct	agacacttga	240

ctactacttt	tgcagtgggt	atagttttat	aacaacagaa	taactgttac	cttatgaata	300
tactttactt	taaaaaccac	ttgactagcg	actgtactgt	ttcctcgtgg	ttcaggggtg	360
tgcatgaagg	ctcttaggag	agcaaacc	tgttcctatt	ctgtatgtcc	ctccctcatt	420
tcaaatgaga	gtaaccaatt	gagtaaaata	accaaataac	cattgcccc	ccatgaacat	480
ggggcttggg	aagacagtcc	tacaatcttc	atcatatatt	taggttttta	ggccagccag	540
ctcttttttt	ccaaagcttt	cttttgaatg	ttcagatcct	attaatccta	actatagact	600
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aaacacagaa	aatatgcttt	tttgcagctg	agctctgttt	tgagatttca	ttttgttact	720
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agaacatcat	gactaaaagt	tgatcctttg	ctcttggtgc	acatttaaga	tttttacctg	900
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accctcgagg	gatcctctag	agcggcgcgc	cttttttttt	tctttttcat	tctaagaagt	1140
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agatcgcttg	ggtcggcgcc	agtcgccacc	acatcctcgg	cagccatgat	ctctggagta	1920
aaggttgggc	cgcgctaggc	agggatccgg	aactcgccac	tttctcctcc	ctctgagcga	1980
gcgagtggcg	cgcgggggt					1998

<210> 6037

<211> 7238

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(7239)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (22)...(3101)

<223> similar to gi2224605 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6037

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ggaccctcag	atagtgatat	gccaaagtcgg	acacgaccta	agagcccaag	aaaacataat	180
tataggaatg	aaagtgcccg	tgaaagcctt	tgtgattctc	ctcatcagaa	tctctcaaga	240
cctcttctgg	aaaacaaact	taaagcattc	agtattggaa	aatgagtag	agctaagcga	300
actttaagta	aaaaggaaca	ggaagaatta	aagaaaaagg	aggatgaaaa	ggcagctgct	360
gagatttatg	aggagtttct	tgctgctttt	gaagggaagt	atggtaataa	agtgaaaaaca	420
tttgtgcgag	ggggtgttgt	taatgcagct	aaagaagaac	atgaaacaga	tgaaaaaaga	480
ggtaaaatct	ataagccatc	ttcaagattt	gcagatcaaa	aaaatcctcc	aatcagttct	540
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ggagagaaag	aaaagaaaaa	aagcaatttg	gaactcttca	aagaagaatt	aaagcaaatt	660
caagaggaac	gtgatgagag	acataaaaaca	aaaggcagat	taagtcgatt	tgaacctcct	720
cagtcagatt	ctgatgggtca	gcgtcggtct	atggacgcgc	cttcaagaag	aaatagatca	780
tctggtgttc	ttgatgatta	cgcacctggc	tcacatgatg	taggagatcc	aagcactact	840
taatttttac	cttggaacaa	tttaatccac	agatggantt	gaagaaatgc	tgttgccaag	900
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<210> 6038  
 <211> 2036  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2037)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1810)...(1179)  
 <223> similar to gi5410328 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6038						
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ggaggaaaag	cagaacatag	aagtaaaaca	gcaaataag	gcatctggga	cacatttttag	180
ggaagagagc	aaatgagggg	ggaagacacc	aattaactga	cattggatag	taggcagtta	240
gaacttatct	ttccgtttac	ctagcaagtt	acatcagtc	tttatattaa	acttgacaaa	300
cctactagtt	tgtccctttc	actcttaaat	ataccatgag	gtggttgggg	agggagaagc	360
aaataaagca	gcatgcaggg	agacgcaagg	aagaagtggc	caaggagaag	aaatggtggc	420
aggaatagtt	ttaaataatca	aggccactta	aaacaagact	cagcaaacca	aagctatcac	480
ttctgcatta	ccctttgtcc	tcaattaact	actttgaaaa	ttacagccaa	gcaaaccaca	540
aacattttta	tggtttatgt	ttggatgata	tgtctcctgc	acatgcttcc	accagaacaa	600
aaaaggaaaa	ccaaagaagt	tcctttccac	ataaggcaca	ggacaaaatt	aatcccattt	660
acatattcaa	ggcgaaaatg	agtgttttcc	tggtttttgt	ttgtttcttt	tgtatcac	720
tgtctataga	ttatagggac	tcaagcacat	tatccatgac	agaaaattcc	actgttgtac	780
aaaataaaat	tgtaatttct	aactttattc	ttatacaatt	tgcagaatag	atttgaaatg	840
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tttttttgtt	tgaagaaaat	ttatgataaa	gtccagcaag	cagtcacaga	tggaaaggac	1020
caaataaaat	aggggtgggt	tgggatagtt	aaggatgagg	aaacaaaaat	atctgttttag	1080
gagttaaaaa	atgggacaga	gtgggtttat	tttggcagca	agaagagaaa	accggggtag	1140
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aatatttgct	tttgactag	tctcaaaaaa	cctaatacca	tgtccctttt	gcaatctggt	1380
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aaccattctt	tccaccatca	ttcattggca	tgtctatcct	atgtttctaa	agccatttgc	1500
ctgatgtttt	caaaaccttt	taaccattgg	gtgatgtcat	ataactagca	tgatacccat	1560
tgcgcctctg	tagtaggagg	ttgtgatggt	gtgaaatcgc	tcctgggcct	gctgtatccc	1620



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ctatggtgga	aataaaggta	gtattgaagg	catcatccga	aaaacgaaaa	aggacgcagg	1740
tcttccccac	tccggaatcc	ccgatcagga	gcagcttgaa	aagcaggtcg	tacgtcttct	1800
tcgccattgg	gaggagcggc	tcgggctctc	gccgccggcg	gccccagggg	atcggtcctt	1860
ctcactacgg	ccaactcctc	actcgggcgt	tctcaggccg	gaggaccggg	gaagcgtggg	1920
aaaaaggctc	gagacggcgc	gggcgacctc	cgaacagctt	tgaggaagcc	ccgacagtgg	1980
cggcgtccag	tgccctccgag	ggcggccggg	gggaggggat	taatttaatt	aaggat	2036

<210> 6039

<211> 1773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (47)...(1613)

<223> similar to gi5326764 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6039

gcggccccgc	tcgaccgagc	gcacgccgag	cccgcccgcc	gccgccatgg	ccaccacggt	60
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ctctgtggtc	cgacgctgtg	tcaagctctg	caccggccat	gagtatgcag	ccaagatcat	180
caacaccaag	aagctgtcag	ccagagatca	ccagaagctg	gagagagagg	ctcggatctg	240
ccgccttggt	aagcattcca	acatcgtgcg	tctccacgac	agcatctccg	aggagggcct	300
ccactacctg	gtcttcgatc	tggtcactgg	tggggagctc	tttgaagaca	ttgtggcgag	360
agagtactac	agcgaggctg	atgccagtca	ctgtatccag	cagatcctgg	gaggccggtc	420
tccattgtaa	ccaaatgggg	gtcgtccaca	gagacctcaa	gccggagaa	ctgcttctgg	480
ccagcaagtg	caaaggggct	gcagtgaagc	tggcagactt	cggcctagct	atcgaggctg	540
agggggacca	gcaggcatgg	tttggtttgc	ctggcacacc	aggctacctg	tcccctgagg	600
tccttcgcaa	agaggcgctac	ggcaagcccc	tggacatctg	ggcatgtggg	gtgatcctgt	660
acatcctgct	cgtgggctac	ccacccttct	gggacgagga	ccagcacaag	ctgtaccagc	720
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aggagactgt	ggagtgtctg	aaaaagttca	atgccaggag	aaagctcaag	ggagcccatcc	960
tcaccaccat	gctggccaca	cggaatttct	cagcagccaa	gagtttactc	aacaagaaa	1020
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aagggaagct	tcctcctgcc	gccctggagc	ctcaaaccac	cgtcatccat	aaccagtggt	1140
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ccggccccgc	accagccagt	ctgaggagac	ccgcgtgtgg	caccgcccgc	acggcaagtg	1560
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tgctgtgcgc	atgtttgtgt	ctgcctcggt	ccctcccctg	gtgcctgtgt	ctgcagaaaa	1740
acaagaccag	atgtgatttg	tttaaaaaaa	aaa			1773

<210> 6040  
 <211> 3934  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3916)...(849)  
 <223> similar to gi4240173 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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gcaggggaca gtcagaagat gtcaacatgg atgccaggct ggtgggctcc gcccttctcc      180
aagcccccca tccacccct ttgtcctcg gtgctacagg cactgccggg ttgaggggac      240
aggcagggca ggactgtggg catgcagagc ctcttgccag ccagggaggg ctgcccgcgc      300
ccctgcacat ggcgaggcag gcagctgtgt gcgcagtgat ggagctagga ggaggaaaca      360
tgcgcagaca ccccggttcc cgccttcccc acgtggccag gagagtgttc aaacacgaac      420
aaggatggct gggcactcag ggccccagcc cccaaccag gagaggaaga ggggggtccc      480
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aattctgcag actgaggcgg agggccggga ggagggcgtg catccgcaga gcccacaggg      600
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ggttctgccc cccagggcag ggggtggactg taggctcccg acagcatgac aacagccgtg      780
acagtgtgcc tgccggctgg cgtgccttcc tttcctgccc accagggacg ccaaccagct      840
ctgcctcagc accaggggtc tcgggaggct cggccgcggc agagactgtc gctccgtgc      900
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cggaacacgt ggatcatgag caggagcagg tgattgttgt ctactctgaa ctccgaggaa     2160
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ctctgcaact	tcttcaccga	cagcgagatg	ttctccagga	tccggctcctt	cacctcccc	3900
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<210> 6041

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (131)...(330)

<223> similar to gi5726234 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6041

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ttcaagatga	ctgaggcttg	agccgagctt	tcgctcacca	tccaacactg	ctgtttgccg	180
ccgtcgcaga	cccaccgctg	acttccaccc	ctctggatat	cgcagggtgt	cggctgcgct	240
cctgatccag	cgaggcgccc	attgctgctc	tggatagggc	taaaggcttg	ccattgttcc	300
cgcacagcta	agtgcctggg	ttcatcctaa	tcaagctgaa	cgctggttgc	tgggttccat	360
ggttctcttc	catgaccac	cacttcta	atagctgtaa	cactcac		407

<210> 6042  
 <211> 6355  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(6356)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (463)...(4366)  
 <223> similar to gi2224557 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6042

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gaaagtgaag	gagatgaaaa	gcccaaactc	cggagaccct	gtgaccgttc	caatggctat	180
ggaagaactg	aatgctttta	agttgagaaa	aacctgctag	tttatgggtg	gggccgatgg	240
agagagattc	tatctcatgg	ccgtttcaaa	aggcagctaa	atgaacacga	tgtagagata	300
atttgccgag	ctctcttagc	atattgcctt	gttcactacc	gaggagatga	gaagattaaa	360
ggtttcatat	gggatctcat	tactccaact	gaagatggac	agacacgaga	gctacagaat	420
catctaggcc	tatcagctcc	tgtacccagg	ggtcgaaaag	ggaagaaagt	aaaaactcaa	480
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<210> 6043

<211> 5539

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (87)...(4494)

<223> similar to gi35568 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6043

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<210> 6044

<211> 1123

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (837)...(139)

<223> similar to gi2613010 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gcccaggccc	tgcagagggg	ggacctgtca	aacgcccaga	tgcccctcgc	accacgttat	420
tgcgctggtt	ggcgggcttg	acagtgacaa	tgagggttat	ggctgttggc	aaccatcatg	480
tccgtcactt	ggttcaaagt	cttccctgct	acttcaatgc	cattgacctc	gaggatctca	540
tactgaccg	ccagcagccc	tgtactctca	gccagacccc	cacgtaccag	gcgggagatg	600
aagattcctg	gaacccgctc	cagggccctg	gggagccaca	cgcacgctca	tgccatctcg	660
gatgtagaag	cccagggggc	ggtctgaacc	atgcttgtgc	agccgcaccc	gtcgggtgggt	720
ctcaggcagt	aggtccacgt	ctatgactga	ggaaacctgg	cggaaatctt	ggggcaggct	780
gattagcaag	ggtggccggg	tgcgcagggg	tgccactggc	cgcagcaaga	gccctttctt	840
gcgccgctgc	agagagttgg	aggcaaaagc	caggccgctg	gagtcagctt	cccgtttctg	900
caccagtagg	cgcagtggcg	gggcccgtg	ccagggcccg	gtgcaggctg	tcgtcgttgg	960
tgaggggcag	caggctcgcca	tgagcatccg	tatagccaag	tagcacgtcc	aggcccggga	1020
tctgtgcacc	gcccgcagca	accgcgagaa	ctcctgaagc	cgctcaccga	agccgaggga	1080
ggcgaagcgt	cggaaactcg	cgtcaaattg	ctcttcacct	cga		1123



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<210> 6045
<211> 2213
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1792)...(178)
<223> similar to gi4210363 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6045
tttttttttt ttaactaaaa tggtcacttt taatgggaac cagaggtata gttacaatta      60
catagtccga cacaaaaaaa cccttgggtg atcaggaatt ggaagggtac aaaataacga      120
gggtaacact ggggtacagga caaaaagctg ttccagaacc tggggagcca ggctaattaa      180
tacggcctct ccctgcgata ctgtctgtgc tcacccctgg aatccatctt gccagggccca      240
aagccacctc tgtccccacc accccggccc cctcggaagc ctccacggtc cccgccgcgg      300
ccccggtagc cgctcgata atagcctcct ctgccaccac gacgatcatc cccgtagtta      360
cccccatgt gagagccacc tggccccct cctgggcat ctggtttagg ggccttacac      420
tggttgcatt cattcctcca agagaagttc atattctcac aggtgggatt aggacacttc      480
cagtcaccag ctgctgctg tcctccaccg ccaccacctc cactgggaaa tcctcctcgg      540
ccaccaccac cactgccacc acctccatag cctccacggc ccatgggtcc tcctcgccct      600
cggcctccac gaccattgcc accacccga ttaaagtctg cccggcgagt agcaaataag      660
accttgatag gatttcggga gaattcttta ccatcaaac agtcaatagc tgcttttagct      720
gaaggtgggt catcaaaaga gaccgttgcc tctcccttca gcttgccagt ttccctgtct      780
gtgtacaaat taatcatggg ctgtcccgtt ttcttgtttg tcttaataat accaatctgc      840
ttgaagtaat cagccacaga ctcaattgta acattctcac ccaggccttg cacaaagatg      900
gtgttgttgt ctgaattatc ctgttcggag tcatgacgtg atccttggtc ccgagggccca      960
ccaaatztat tgaagccacc acggtcactt ccgcccatgc cactctgccc tcacaggcca      1020
cctccacgac ctctgggttc atagccacca ctgctgcggt tgtaaccagc agcgccgccg      1080
cgagccgccg ccaccactgc caccctgca ggggcctcca cggctcctggc tgcgatagc      1140
cacggctgcc agctgcacca gtctggtctt gattgccata accaccacca ccaccactgc      1200
cgccgccgcc gccacctccg ccgccaccac cactaccact catggaggat tgatcttggc      1260
catagctacc tcacctcca cctccacctc caccaccact gctgctgttg tactggttct      1320
gctgtccata gctcgaggg ggattatagc tttgctgctg tccatagctt tgcctgctgc      1380
caccatagct aggtgctgg ctgtagctcc cactctgggg ctgcccatag ctgctgctct      1440
gagaactgct accgtaactt cccgaggtgc tgcctgggagc tggctgctgg ccatagccag      1500
gataggagga ctgctgccg taagacgatt gggagctctg gctactgcca tagccgccag      1560
tcgagccata tcctgggga gttgactgag ttccatagct gttctggctc tggccataag      1620
aagaatagct gctctggcca tagcctgaag tgtccgtgga ctggctataa ccactgtaac      1680
tctgctgtcc gtagggctga ctgctctgct ggggaatagc ctgcccgggc tgggtggggg      1740
aggccccata gctttgggtt gcttggtggg tataatcggt tgaggccatg tccgcgcacg      1800
cgcgcacagg caagcaagca acgaagttcc aacaccgctg agcaccgacg cctggaggac      1860
tgagcagccc cgctcctgc gtcgaagctt aagtacgtc cgccgctac gcaccgcgca      1920
ggcgcgacc aaacgcggaa gagcaggggg aggcaggaaac gactccgcc cccttcgtag      1980
ggcaggtaga gggctccgagc aggcagaagg gaaacaagtt aactagaatc atgcgaatac      2040
tatacataat catatTTTTT gaggaagaac ccctctctcc tcggcaggac tagccacga      2100
tctatctcca ccccatgaa ggcacagtgg tacggcctga gtgcccgtg ggggcggggc      2160
gagggggcgg tcccggcggc tggggacgaa actggagtca cagccgggga gag      2213

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<210> 6046  
 <211> 1943  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (169)...(1601)  
 <223> similar to gil504042 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6046

tcatcataac	ttatgttcca	tatttttttaa	cccacatcac	tcttgaaatc	gactgttcag	60
ttgatgtgca	ggctttttaca	ggataagcgc	taccagtgtg	tctattcctt	ggcagaaatc	120
tttaagggtcc	tggcttcatt	ttatgtcatt	ttgggttatac	tttatgggtct	gacctcttcc	180
tacagcctgt	ggtggatgct	gaggagttcc	ctgaagcaat	attcctttga	ggcgttaaga	240
gaaaaaagca	actacagtga	catccctgat	gtcaagaatg	actttgcctt	catccttcat	300
ctggctgatc	agtatgatcc	tctttattcc	aaacgcttct	ccatattcct	atcagagggtc	360
agtgagaaca	aactgaaaca	gatcaacctc	aataatgaat	ggacagttga	gaaactgaaa	420
agtaagcttg	tgaaaaatgc	ccaggacaag	atagaactgc	atctttttat	gctcaacggt	480
cttccagaca	atgtctttga	gttaactgaa	atggaagtgc	taagcctgga	gcttatccca	540
gaggtgaagc	tgccctctgc	agtctcacag	ctggtcaacc	tcaaggagct	tcgtgtgtac	600
cattcatctc	tggtcgtaga	ccatcctgca	ctggcctttc	tagaggagaa	tttaaaaatc	660
ctccgcctga	aatttactga	aatgggaaaa	atcccacgct	gggtatttca	cctcaagaat	720
ctcaaggaaac	tttatctttc	gggctgtggt	ctccctgaac	agttgagtac	tatgcagttg	780
gagggctttc	aggacttaaa	aaatctaagg	accctgtact	tgaagagcag	cctctcccgg	840
atcccacaag	ttgttacaga	cctcctgcct	tcattgcaga	aactgtccct	tgataatgag	900
ggaagcaaac	tgggtgtggt	gaacaacttg	aaaaagatgg	tcaatctgaa	aagcctagaa	960
ctgatcagct	gtgacctgga	acgcatccca	cattccattt	tcagcctgaa	taatttgcac	1020
gagttagacc	taagggaaaa	taaccttaaa	actgtggaag	agatcattag	ctttcagcat	1080
cttcagaatc	tttcctgctt	aaagtgtggt	cacaataaca	ttgcttatat	tcctgcacag	1140
attggggcat	tatctaacct	agagcagctc	tctttggacc	ataataatat	tgagaatctg	1200
cccttgacgc	ttttcctatg	cactaaacta	cattatttgg	atctaagcta	taaccacttg	1260
accttcattc	cagaggaaat	ccagtatctg	tagtaatttg	cagtactttg	ctgtgaccaa	1320
caacaatatt	gagatgctac	cagatgggct	gtttcagtg	aaaaagctgc	agtgtttact	1380
tttggggaaa	aatagcttga	tgaatttgct	ccctcatgtg	ggtgagctgt	caaaccttac	1440
tcacggggag	cccattgggt	aattacctgg	aaacacttcc	tcctgaacta	gaaggatgtc	1500
agtccctaaa	acggaactgt	ctgattgttg	aggagaactt	gctcaatact	cttcctctcc	1560
ctgtaacaga	acgtttacag	acgtgcttag	acaaatgttg	acttaaagaa	aagagacccg	1620
tgtttcaaaa	tcatttttaa	aagtatgctc	ggcggggcgt	ggtggctcat	gcctataatc	1680
ccagcacttt	gggaggccaa	gatgggcgga	ttgcttgagg	tcaggagttc	gagaccagtc	1740
tggccaacct	ggtgaaaccc	catctctgct	aaaactacaa	aaaaattagc	caggcgtggt	1800
ggcgtgcgcc	gttaatccca	gctacttggg	aggctgacgc	aggggaattg	cttgaaccag	1860
ggaggtggag	gttgcatgta	gccgagattg	tgccactgta	caccagcctg	ggtgacagag	1920
caagactctt	atctcaaaaa	aaa				1943

<210> 6047  
 <211> 1917

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1918)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (97)...(846)  
<223> similar to gi4929707 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6047

aaatcgactc	gctcgggtgtt	cgccccgccga	cgccgcacgg	cttgctgggg	ctgggctctt	60
cctcgcgga	gtggggagga	ggcggttgcg	gttagtggac	cgggaccgg	aggggtgctg	120
ttgccatcat	ggctgacccc	gacccccgg	accctcgctc	ctcgatcgag	gacgacttca	180
actatggcag	cagcgtggcc	tccgccaccg	tgcacatccg	aatggccttt	ctgagaaaaag	240
tctacagcat	tctttctctg	caggttctct	taactacagt	gacttcaaca	gtttttttat	300
actttgagtc	tgtacggaca	ttgtacatg	agagtccctg	cttaattttg	ctgtttgccc	360
tcggaatctc	gggtttgatt	tttgcggtga	ttttaaacag	acataagtat	ccccttaacc	420
tgtacctact	ttttggattt	acgctgttgg	aagctctgac	tgtggcagtt	gttggttactt	480
tctatgatgt	atatattatt	ctgcaagctt	tcatactgac	tactacagta	ttttttgggt	540
tgactgtgta	tactctacaa	tctaagaagg	atttcagcaa	atttgagca	gggctgtttg	600
ctcttttgtg	gatattgtgc	ctgtcaggat	tcttgaagtt	ttttttttat	agtgagataa	660
tggagttggt	cttagccgct	gcaggagccc	ttcttttctg	tggattcatc	atctatgaca	720
cacactcact	gatgcataaa	ctgtcacctg	aagagtacgt	attagctgcc	atcagcctct	780
acttgatat	catcaatcta	ttcctgcacc	tgttacgggt	tctggaagca	gttaataaaaa	840
agtaattaaa	agtatctcag	ctcaactgaa	gaacaacaaa	aaaaatttaa	cgagaaaaaaa	900
ggattaaagt	aattggaagc	agtatataga	aactgtttca	ttaagtaata	aagtttgaaa	960
caatgattaa	atactgttac	aatctttatt	tgtatcatat	gtaattttga	gagctttaaa	1020
atcttactat	tctttatgat	acctcatttc	taaatccttg	atttaggatc	tcagttaaga	1080
gctatcaaaa	ttctattaaa	aatgcttttc	tggctgggca	cagtggctca	cgctgtaat	1140
cccaccactt	tgggagaccg	aggcaggtgg	atcacgaggt	caagagaaag	ttaccatcct	1200
ggctaatacg	gngaaacccc	atctctacta	aaaatacaag	aagattagct	ggctgtgggtg	1260
gcatgcacct	gtggtcccgg	ctactcggga	ggctgaggca	ggagaatcgc	ttgaacccgg	1320
gaggtggagg	ttgcattgag	ccaagatcac	gccactgcat	tccagcctgg	tgacagagcg	1380
agactcagtc	tcaaaaaaaa	tttaacgaga	aaaaaggatt	aaagtaattg	gaagcagtat	1440
atagaaactg	tttcattaag	taataaaagt	tgaacaatg	attaaatact	gttacaatct	1500
ttatttgtat	catatgtaat	tttgagagct	ttaaaatctt	actattcttt	atgatacctc	1560
ttttctaaat	ccttgattta	ggatctcagt	taagagctat	caaaattcta	ttaaaaatgc	1620
ttttctggct	gggcacagtg	gctcacgcct	gtaatcccac	cactttggga	gaccgaggca	1680
ggtggatcac	gaggtcaaga	ggttgagacc	atcctggcca	acatggtgaa	accccgctctc	1740
tactaaaaat	acaaaaatta	gctggatgtg	gtggcacaca	cctgtagtcc	cagctagtca	1800
agaggctgag	gccagagaat	cgcttgaaac	tgggaggtgg	aggttgcat	gagccaagat	1860
cacgccactg	cattccagcc	tggtgacaga	gcgagactca	gtctcaaaaa	aaaaaaa	1917

<210> 6048  
<211> 1980

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (461)...(1866)  
 <223> similar to gi5738138 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6048

attttaaata	cacacaccca	gggggctctg	ccccctgtaa	aagaaaaaaa	atcaaaacaa	60
acaaataaat	aaccccaaaag	agatggaccc	aggggagaac	gcgtaagtgt	gaggggcatg	120
agtatacacg	agtgtgcgtg	tctttccctc	tcccttattt	gtctccgtat	gagtctctcc	180
ttgtaccctc	cccctgcctc	gatgatatta	ctccccaga	cttggaagcc	gctgccagag	240
tgacgctttg	atggtatctg	caagcgtttt	tgctgatctt	atctctgccc	cctgaatatt	300
aattccctaa	tctggtagca	atccatctcc	ccagtgaagg	acctactaga	ggcaggtggg	360
gggagccacc	atcagatcat	aagcataaga	ataatacaaa	ggggagggat	tcttctgcaa	420
ccaagaggca	agaggcgaga	gaaggaaaaa	aaaaaaagcg	atgagttcgc	caaatatatg	480
gagcacagga	agctcagctc	actcgactcc	tgtattttca	cagaaaatga	cgggtgtggat	540
tctgctcctg	ctgtcgtctc	accctggctt	cactagccag	aaatctgatg	atgactatga	600
agattatgct	tctaacaaaa	catgggtcct	gactccaaaa	gttcctgagg	gtgatgtcac	660
tgtcatctta	aacaacctgc	tggaaggata	tgacaataaa	cttcggcctg	atataggagt	720
gaagccaacg	ttaattcaca	cagacatgta	tgtgaatagc	attggtccag	tgaatgctat	780
caatatggaa	tacactattg	atatattttt	tgcgcaaacg	tggtatgaca	gacgtttgaa	840
atttaacagc	accattaaag	tcctccgatt	gaacagcaac	atggtgggga	aaatctggat	900
tccagacact	ttcttcagaa	attccaaaaa	agctgatgca	cactggatca	ccacccccaa	960
caggatgctg	agaattttgga	atgatggtcg	agtgtctctac	tccctaagggt	tgacaattga	1020
tgctgagtgc	caattacaat	tgacaaattt	tccaatggat	gaacactcct	gcccccttga	1080
gttctccagt	tatggctatc	cacgtgaaga	aattgtttat	caatggaagc	gaagtctctgt	1140
tgaagtgggc	gacacaagat	cctggaggct	ttatcaattc	tcatttggtg	gtctaagaaa	1200
taccaccgaa	gtagtgaaga	caacttcggg	agattatgtg	gtcatgtctg	tctactttga	1260
tctgagcaga	agaatgggat	actttaccat	ccagacctat	atcccccgca	cactcattgt	1320
cgtccctatc	tgggtgtctt	tctggatcaa	taaggatgct	gttccagcca	gaacatcttt	1380
aggtatcacc	actgtcctga	caatgaccac	cctcagcacc	attgcccggg	aatcgctccc	1440
caaggtctcc	tatgtcacag	cgatggatct	ctttgtatct	gtttgtttca	tctttgtctt	1500
ctctgctctg	gtggagtatg	ggcaccttgc	attattttgt	cagcaaccgg	aaaccaagca	1560
aggacaaaga	taaaaagaag	aaaaaccctg	cccctaccat	tgatatccgc	ccaagatcag	1620
caaccattca	aatgaataat	gctacacacc	ttcaagagag	agatgaagag	tacggctatg	1680
agtgtctgga	cggcaaggac	tgtgccagtt	ttttctgctg	ttttgaagat	tgtcgaacag	1740
gagcttggag	acatgggagg	atacatatcc	gcattgccaa	aatggactcc	tatgctcgga	1800
tcttcttccc	cactgccttc	tgctgtttta	atctggtcta	ttgggtctcc	tacctctacc	1860
tgtgaggagg	tatgggtttt	actgatatgg	ttcttattca	ctgagtctca	tgagagatg	1920
tctgttctaa	gtccacttaa	ataatcctct	atgtggttga	taagtatctg	aatctgtttc	1980

<210> 6049  
 <211> 1404  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>

<221> misc\_feature  
 <222> (90)...(1396)  
 <223> similar to gi5901572 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6049

gtttcagagg	gagtacacgt	aaggggcaaa	agcagcaacg	gaatacgaca	acggaataag	60
catgaatacg	acctggctac	ctgaaggagg	tacaagaaaa	ttccccagga	cacagagctg	120
gtttggagcc	tttctttgat	tttattgttt	ctattaatgg	ttcaagatta	aataaagaca	180
atgacactct	taaggatctg	ctgaaagcaa	acgttgaaaa	gcctgtaaag	atgcttatct	240
atagcagcaa	aacattggaa	ctgcgagaga	cctcagtcac	accaagtaac	ctgtggggcg	300
gccagggcct	attgggagtg	agcattcggt	tctgcagctt	tgatggggca	aatgaaaatg	360
tttggcatgt	gctggagggtg	gaatcaaatt	ctcctgcagc	actggcaggt	cttagaccac	420
acagtgatta	tataattgga	gcagatacag	tcatgaatga	gtctgaagat	ctattcagcc	480
ttatcgaaac	acatgaagca	aaaccattga	aactgtatgt	gtacaacaca	gacactgata	540
actgtcgaga	agtgattatt	acaccaaatt	ctgcatgggg	tggagaaggc	agcctaggat	600
gtggcattgg	atatggttat	ttgcatcgaa	tacctacacg	cccatttgag	gaaggaaaaga	660
aaattttctct	tccaggacaa	atggctggta	cacctattac	acctcttaaa	gatgggttta	720
cagaggcca	gctgtcctca	gttaatcccc	egtctttgtc	accaccagga	actacaggaa	780
ttgaacagag	tctgactgga	ctttctatta	gctcaactcc	caccagctgt	cagtagtggt	840
ctcagtacag	gtgtaccaac	agtaccagtt	attgccacca	caagtaaacc	agtccctcac	900
ttctgtgcca	ccaatggaat	ccagctactt	acatttaccg	ggtctgatgc	cttttaccag	960
gcagggactg	cccaaccttc	cccaaccttc	aaccttcaac	cttcccaggc	accacacatt	1020
catggccggg	gggttgggctt	taccaggaat	ttgttaaacc	cgggggtttg	ccacctcttt	1080
cttccatgcc	tccccgaaac	ttacctgggc	attgcacctc	tccccctgcc	atccgagttc	1140
ctcccgtcat	tccccttggt	tccagagagc	tcttctgcag	caagctcagg	agagctgctg	1200
tcttccctcc	cgcaccaccg	caacgcaccc	tctgaccttg	ccacaactac	tgcaaaggca	1260
gacgctgcct	cctcactcac	tgtggatgtg	acgcccccca	ctgccaaaggc	ccccaccacc	1320
gttgaggaca	gagtcggcga	ctccacccca	gtcagcgaga	agcctgtttc	tgcggtgtgt	1380
gatgccaatg	cttctgagtc	acct				1404

<210> 6050  
 <211> 3864  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (391)...(2682)  
 <223> similar to gi3493660 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6050

cagagaacgt	ttgtctgcct	gatgagagcc	acttgggtta	agaaactacc	tgtgaatagt	60
catcatttct	gtccttcatt	ggggaatact	tttagaggcc	agtttccaaa	aattctgctt	120
aaaaaagaat	tctggttttg	tcttactctt	ccagatgaga	tatcacagag	gcttgggcct	180
agattgtcat	cagcatactg	ctatactatt	cgtttgttct	tattaagcct	tattgtgtgt	240

aatgctgtta	ctttttcaga	gtgttgcgga	gataggaaca	tgggagagaa	acaatctggg	300
taacatgaaa	gtgatgctgg	ttgctaaggg	aaggcaactt	gattctgtgg	gaagggctgt	360
agctgatcca	tccgttgtct	agatttgagt	atgagcacag	tggaagagga	ttctgacaca	420
gtaacagtag	aaactgtgaa	ctctgtgact	ttgactcagg	acacagaagg	gaatctcatt	480
cttcactgcc	ctcagaatga	agcggatgaa	atagactcag	aagatagtat	tgaacctcca	540
cataaaaggg	tttgtttgtc	ctctgaggat	gatcagagta	ttgatgattc	tactccttgc	600
atatcagttg	ttgcacttcc	actttcagaa	aatgatcaga	gctttgaagt	gaccatgact	660
gcgaccacag	aagtagcaga	tgatgagggt	actgagggga	ctgtgacaca	gatacagatt	720
ttgcagaatg	agcaactaga	tgaaatatct	cccttgggta	acgaggaagt	ttcagcagtt	780
agccaagcat	ggttttacaac	taaagaagat	aaggattctc	tgactaataa	aggacataaa	840
tggaagcagg	ggatgtgtgc	caaggaagaa	attgatattt	tgatgaacaa	tattgaacgc	900
tatcttaagg	cacgcggaat	aaaagatgct	acagaaatca	tctttgagat	gtcaaaagac	960
gaaagaaaag	atttctacag	gactatagca	tggggtctga	accggccttt	gtttgcagtt	1020
tatagaagag	tgcttcgcat	gtatgatgac	agaaacctatg	tgggaaaata	tacacctgaa	1080
gaaattgaga	agctcaagga	gctccggata	aagcatggca	atgactgggc	aacaataggg	1140
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<210> 6051
<211> 2165
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (508)...(718)
<223> similar to gil938351 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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 <211> 6685  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (297)...(3455)  
 <223> similar to gi3413868 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<211> 7028

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (28)...(6148)

<223> similar to gi30186 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6053

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<210> 6054  
 <211> 236  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (41)...(115)  
 <223> similar to gi32402 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6054  
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 gcccaaattc ttccttggtg catgcatggt ccatatcgac gttctgctgc tatgcacgct 180  
 ggtattctgc aatagctggc catgtttttc cttgagcctg ggtcgacgcg gtcgct 236

<210> 6055  
 <211> 3801  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3648)...(1470)  
 <223> similar to gi4775362 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 tttacgttgg aatatattag ccttcccatg agtttaataa aaactaatat ttgggttttag 180  
 attcaatacc atcctttcaa atatttggtg tgaaacttgg tagcaatgca attgtctgat 240  
 gtacagagca gatttcacca tgagagatta caccaaagaa cagatgtccc tccccagaac 300  
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<210> 6056

<211> 368

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (360)...(200)

<223> similar to gi862343 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gaaaataaag atcacttgta atgccaccac tgagaatcac tattaacata taaaaaatgt    180
atgtgtataa atgtaatata catatacacg tgtatatata catgactata cacatgtatt    240
aagcagcatg tgtgtatata caagtagtat atgcatgtat atatacctgt acagacatac    300
gtatatatac acacgcacat acacatacta cttacatagc tacacatatc aatggaggtc    360
taaaagaa
368

```

```

<210> 6057
<211> 8605
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7685)...(3974)
<223> similar to gi2224569 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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acttccttgt ccttgttaca cgtctacctc acaacctcac aattcaacaa caggtaaata      180
cctggattca ctgatttctt tactgtcctt ctctgagggg tgggaagggtg ggggctagaa      240
aaggctcata atttttaaac tcttggaat taaacttggg aatttctatt cctacagtgt      300
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<210> 6058
<211> 2632
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (87)...(539)
<223> similar to gi31843 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 6059

<211> 2018

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (192)...(1785)

<223> similar to gi4680298 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6059

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<210> 6060  
 <211> 4509  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4462)...(688)  
 <223> similar to gi2842424 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 6061  
 <211> 3783  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (97)...(3515)  
 <223> similar to gi36501 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6061

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<210> 6062

<211> 2799

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (11)...(2673)

<223> similar to gi288563 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6062

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accatcagct	gattgtcacc	aggggctccc	agaaagacta	cagaaaggat	gccagcatcg	2580
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acactgacta	cattgtcccc	aacctgtttt	gagtagacac	accagctcct	gttgggatgg	2700
atggcccgga	ttttatggca	tctggaacat	gggcacagag	aggggcctgt	gggaggggct	2760
gggaaaataa	agtccaaggt	cgagaccaga	aaaaaaaa			2799

<210> 6063

<211> 2465

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (49)...(2275)

<223> similar to gil707522 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6063

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gagggaccgg	tgggcgacgg	cgagctgtgg	cagacctggc	ttcctaacca	cgtcgtgttc	120
ttgcggctcc	gggagggact	gaaaaaccag	agtccaaccg	aagctgagaa	accagcttct	180
tcgtcgttgc	cttcgtcgcc	gccgccgcag	ttgctgacga	gaaacgtggg	ctttggcctc	240
ggcggagagc	ttttcctgtg	ggacggagaa	gacagctcct	tcttagtcgt	tcgccttcgg	300
ggccccagcg	gcggcgcccg	aagagcccgc	cctgtcccag	taccagagat	tgctttgcat	360
aatccaccc	ctgtttgaaa	tctatcaagt	cttggttaagc	ccaacacac	atcatgtagc	420
acttatagga	ataaaaggac	ttatggtatt	agaattacct	aaaagatggg	ggaagaattc	480
tgaatttgaa	ggtggaaaat	caacagtga	ttgtagtacc	actccagttg	cggagagatt	540
tttcaccagt	tccacctctc	tgactctaaa	gcattgctgca	tggtatccaa	gtgaaatcct	600
ggatccccac	gtagtgtctg	taacatcaga	caacgtaatc	agaatttact	cactacgtga	660



gccgcagaca	cccactaacg	tgataatact	ttcagaagcc	gaagaggaaa	gtctagtact	720
caataaagga	agggcgata	ccgcatctct	aggagagaca	gcagttgcat	ttgactttgg	780
gccattggca	gcagtcccaa	agactctatt	tggacaaaac	ggcaaagatg	aagtagtggc	840
atacccactg	tacatcttat	atgaaaatgg	agagactttc	ctgacataca	tcagtctggt	900
acacagccct	ggaaatattg	gaaagctggt	gggtccattg	cccatgcac	ctgcggctga	960
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tcacaaatth	cttggtatcag	atgaagaaga	taaggatagt	ttacaggaac	tctctacaga	1380
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cagtacctat	gaatgcctca	tatggcgggt	attaagtaca	gtccatccag	cgtctcctcc	1560
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gaaaaaggat	tatcaacagc	aaaagatgga	gaagggtgtg	agtcttccaa	aaccaccat	2160
tattctcagt	gcctaccagc	gaaagtgcac	tcagtccatc	ctgaaagagg	agggtgaaca	2220
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ccaggagctg	actcacacct	gaactgaaca	ccattgaagg	cttaaaccac	tattgtaaaa	2340
caggtagaat	tatctaattt	ataaaaagg	gttttgatga	cctttgggtg	ggttcatctt	2400
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tttat						2465

<210> 6064

<211> 1484

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (21)...(1377)

<223> similar to gi202212 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6064

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gtcagatgcc	aagtataaaa	accattgggtg	gtggggacga	ctccttcaac	acgttcttca	180
gtgagactgg	agctggcaag	cacgttgccc	agagcagtgt	ttgtggacct	ggagccact	240
gtggtcgatg	aagtgcgcac	agggacctac	aggcagctct	tccaccacga	gcagctgatc	300
accgggaagg	aagatgcagc	cagtaattac	gccagggggc	attacaccat	cggcaaggag	360

attgttgacc	tagtcctgga	ccggatccgc	aaactggcgg	atctgtgcac	aggactgcag	420
ggcttcctca	tcttcacag	ctttgggggc	ggcactggct	ctgggttcgc	atctctgctc	480
atggagcggc	tctcagtga	ttacagcaag	aagtccaagc	tagagtttgc	catttaccca	540
gccccccagg	tctccacagc	cgtggtggag	ccctacaact	ccatcctgac	caccacacag	600
accctggaac	attctgactg	tgccttcatg	gtcgacaatg	aagccatcta	tgacatatgt	660
cggcgcaacc	tggacattga	acgtcccacg	tacaccaacc	tcaatcgctt	gattgggcag	720
atcgtgtcct	ccatcacggc	ctccctgcga	tttgatgggg	ccctgaatgt	ggacttgacg	780
gaattccaga	ccaacctagt	gccgtacccc	ggaatccaat	ttccccatgg	cacacttacg	840
ccccaatcat	ctcagctgag	aaggcctacc	acgagcagct	gtctgtggcc	gatatacca	900
atgcctgctt	cgagccagcc	aatcaaattg	tcaagtgtga	ccctcgccac	ggcaagtaca	960
tggcctgctg	catgttgtac	aggggggacg	tgggtcccca	aagacgtcaa	cgcgccatc	1020
gccaccatca	agaccaagcg	caccatccag	tttgtggatt	ggtgcccagc	tggatttaag	1080
gtgggcatta	actaccagcc	ccccacagtg	gtccccgggg	gagacctggc	caaggtgcag	1140
cgggccgtgt	gcatgctgag	caacaccacg	gccattgcgg	aggcctgggc	ccgcctggac	1200
cataagttcg	atctcatgta	tgccaagcgg	gcctttgtgc	actggtacgt	gggagaaggc	1260
atggaagagg	gagagtcttc	tgaggcccg	gaggacctgg	cagctctaga	gaaggattat	1320
gaagagggtg	gcgtggattc	cgtggaagct	gaggctgaag	aaggcgaaga	atactgaggg	1380
gagggtgtgg	tgggttctcc	actccactgc	cacccccatg	cgtggctgct	ttcaagttct	1440
ttgcaattaa	aggttctgta	taaaaccaag	aaaaaaaaaa	aaaa		1484

<210> 6065

<211> 2821

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2822)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (211)...(693)

<223> similar to gi57516 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6065

ccagggggca	acaggagcag	cagctcttct	tgcaggaggt	gcatttgac	tttttgcaact	60
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caagccgagg	tgagactgga	gttcccaagc	gagaagagaa	gaggcagttg	aacacgtgga	180
gggcgtggag	ggagcacagg	ggtggccagc	gtagggtcca	gcacgtgggg	tggtagccca	240
ggcctgggtc	agacagggac	atggcagggg	acacaggaca	gaggggtccc	cagctgccac	300
ctcaccacc	gcaattcatt	tagtagcagg	cacaggggca	gctccggcac	ggctttctca	360
ggcctatgcc	ggagcctcga	gggctggaga	gcgggaagac	aggcagtgct	cggggagttg	420
cagcaggaca	tcaccaggag	ggcgaagcgg	ccacgggagg	ggggccccgg	gacattgcgc	480
agcaaggagg	ctgcaggggc	tcggcctgcg	ggcgccggtc	ccacgaggca	ctgcggccca	540
gggtctggtg	cggagagggc	ccacagtgga	cttggtgacg	ctgtatgcc	tcaccgctca	600
gccccctggg	ctggcttggc	agacagtaca	gcattccagg	gagtcaagg	catggggcga	660
gaccagacta	ggcgaggcgg	gcggggcgga	gtgaatgagc	cctcttcttc	tttttcatcc	720
cggtcacttt	tggttacagg	acgtggcagc	tggttggacg	aggggagctg	gtgggcaggg	780

tttgatccca	gggcctgggc	aacggaggtg	tagctggcag	cagcgggcag	gtgaggaccc	840
catctgccgg	gcaggtgagt	cccttccctc	cccaggcctc	gcttccccag	ccttctgaaa	900
gaaggaggtt	taggggatcg	agggtggcg	gggagaagca	gacaccctcc	cagcagaggg	960
gcaggatggg	ggcaggagag	ttagcaaagg	tgacatcttc	tcggggggag	ccgagactgc	1020
gcaaggctgg	ggggttatgg	gcccgttcca	ggcagaaaga	gcaagagggc	agggagggag	1080
cacaggggtg	gccagcgtag	ggtccagcac	gtggggtggt	accccaggcc	tgggtcagac	1140
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ttcatttagt	agcaggcaca	ggggcagctc	cggcacggct	ttctcaggcc	tatgccggag	1260
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cggccttcc	gaacacctta	ggctgggtgg	gctgcggcaa	gaagcgggtc	tgtttcttta	1920
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tccgaccgac	atcacggagc	agccttcaag	cattccatta	cgccccatct	cgctctgtgc	2760
ccctccccan	cagggcttca	gcaggagccc	tggactcatc	atcaataaac	actgttacag	2820
c						2821

<210> 6066

<211> 4829

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (521)...(3429)

<223> similar to gi3327208 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6066

tcagtgtggg	ggaattccac	agagtatatc	agtccatccc	agctcattac	cgatgaatgt	60
gagaataact	tacatggcta	atagtagtag	agtatctctc	ctgggttttt	cttttcttca	120

agtgcattata	gctaaatata	ttctgggaac	acttagaact	tgctaattca	gtattgctac	180
ttttacagat	gagcctgaag	tcttgacaga	acctccaagt	gccacaacca	ctactaccat	240
aggtatatct	gcaacctgga	caactttggc	aggttctcat	ggtaaaagaa	ataataccat	300
aactacaacc	agttcaaaga	ggaaaaacag	gaaaaataaa	attactccag	aaaacgttca	360
aatttatatt	gatgatccac	taccaatttc	atacagtcag	ccagagaagg	tgaatggaga	420
gtccaagagc	agcagtacca	gcgagagtgg	ggacagtgat	aacatgagga	tttccagctg	480
cagcgatgaa	agtagtaaca	gcaacagcag	togtaagagt	gacaatcatt	caccagctgt	540
ggtcactacc	actgtgagca	gcaaaaagca	gccatcagtt	cttgttacat	ttccaaagga	600
agagagaaaa	tctgtttctg	gcaaggcttc	aataaaattg	tcagaaacta	tcagtgaagg	660
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tcacaaaacc	attaagaacc	cagtgaataa	atgtgaggcc	tggttttcca	gtttcttttc	1260
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gcagaccctt	cttggaaact	actgataaag	atgggtttcca	gtccacagga	aaataatggc	3360
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ttgatcctga	agttttagaa	tggcaataa	atgtacaatt	gtttacataa	cagaaaaggc	3840
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attaataagc	ataacttttc	tactgggtga	atttaagtat	aaagtaaaat	aatgggcatt	4020
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attttagtga	aggcacatat	agaagaagaa	atttctggct	tttccatgtt	gttttattac	4140
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cactgtaatg	gctgctacag	agatggacca	tcttcatcat	caccagtggg	ttcttcta	4320
tataaaatgt	ttaaactttc	tgagaattta	aaaagccacc	actgttccca	gtcagcatat	4380
acaagctctt	aatattctgt	ttattaaata	attcaatgta	ctattttata	ttggatgata	4440
ttgattctta	acattggctt	ttcagtcac	aacagtcaac	ataaaaattt	caattttcag	4500
taatttagtg	gaaaatatct	tatttctttt	ttcaatttta	aagggttctt	gcttttttac	4560
ccttgatat	tatcagtga	aaggatcaac	agttaatttg	agccaagtaa	taaaagaaat	4620
tctgcatttg	tcacgaagac	aatttatggg	agacagataa	atacacagat	tacagtgtaa	4680
agctccatt	taacctgcct	ataaaagata	caaggccaca	ctaaactact	cagtgggatt	4740
tactatattc	catccacttg	aaacaataaa	cagtaatgta	tccaagaaga	ttatgtgtcc	4800
taccctgtct	catggaaaa	ttaattata				4829

<210> 6067

<211> 1801

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1270)...(197)

<223> similar to gi4337106 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6067

tttttttttt	ttaaaccaca	aatgggggat	ttatttctga	ctctcagccc	gtctctcacg	60
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gaagtcaaag	ggcccaggtc	agaggcccaa	gttcagactt	cagcagcaga	ctagggtcag	180
actttaccaa	agtcagaact	cgaggttcat	gtaagtcctt	agatcccgt	cccaagccct	240
gtctttcttc	ctcctctctt	ctctcctccc	tccagctcag	tgtggccacc	cgaggggggg	300
atctccctcc	cagccacagc	tcgggtatcc	caagctggga	aatgtgtcac	tcggggctgg	360
gggtctgac	tgtagcctag	tccttctctg	tccctcttga	ggacagtggg	gatgggattg	420
gcacggccct	caccccgggg	tcccagcccc	attcctggct	cccagccccc	cctcagcagc	480
agtttgaagc	ccgggctgga	gatgggcacc	ccaagtggaa	ggttgggagg	ctgaggaccc	540
tgcgacagtg	acagcaggtg	agcagtggat	gtgcggtggg	tggaaatctt	gaagtgggtg	600
tcacagtctt	cgcagtactg	gagggaggga	gtaggagacc	ggttttccgg	gctccttgtc	660
tctccatggc	tctccctgac	catgcgggct	acctcaggga	agccagcttc	ttcagcgcagc	720
tgagccgcac	ccctgccact	cagctcacag	acccccaccc	aggcagcccc	acggcccagg	780
agatagctca	cagctgcccc	ctggcccgcct	cgagcagcac	acatcagtgg	gggccaccag	840
aaggcatccc	gggcgttgat	attcccccca	gctcctcctg	cctcatgcgg	ttccagcagt	900

ctcctaagtt	ctggcaggtc	ccccctcctgg	gctgccctca	gtatccggtg	agtcattctta	960
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ccatccttcc	agaggtcgct	ggggtcagtg	gctgggggtga	aggtgatgag	caagggccgg	1260
gacatggctt	ttgggagAAC	tgagaaaatg	ataccaggca	agggaaaggat	gagacaagta	1320
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gcttccgtac	cgcaaaatgg	cgccattctc	tcccctcatg	aggcaggagc	cggagggaaa	1560
cagtatgccc	gtcaagggtc	tctggcggga	ctgattcgca	ctagggggcc	aacaggcaat	1620
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cgccctaagt	cagcctcttc	acccagtgag	cacaaaactg	tattgcccag	actcccgggc	1800
c						1801

<210> 6068

<211> 2461

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (544)...(1667)

<223> similar to gi4406600 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6068

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aaagtgcct	taaaagaagc	tgtacctctg	aagataaagt	gggccagtct	gaagctctat	120
ctagagtcct	tcaagtagct	aagaaaatga	agttgatttc	taatggagga	gattctgctg	180
tagaaatgga	tcggagaaat	gtgtctgaat	ttaagagtat	taaaaaaaca	tcattaataa	240
aaaactgtga	ttctaaaagc	cagaagtata	attgtttagt	catgggtgcta	tctccatgcc	300
atgtgaagga	aataaacata	aaattcggac	caaattctgg	ctctaaagtg	cctttagcaa	360
cagttacagt	aattgatcaa	tcagaaacta	agaagaaggt	ttttctgtgg	aggactgcag	420
cattttgggc	atttacagtg	tttcttggag	atataatttt	actcacagat	gttggtattc	480
atgaggacca	atggattggc	gagacagtac	tacaatcaac	atttagcagt	cagttattaa	540
atcttgggga	gttattcatc	tattcagcct	gaagaatatt	cccagtgtag	tttgtggaag	600
ttgtacttca	agacttactg	gccatatgtg	tcccccaaaa	cattcctacc	tcagagatct	660
tccctccgag	ggcagccctc	agaggggtgaa	cagtatagac	tttgtaggaa	ttgggagcac	720
cttcaacctg	atgtgttagt	ccacgcagta	ctaagagttg	ttgatttcct	atactgacag	780
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cttcaaagga	aaaaagggtta	tatttgggaa	tttaaataatc	tttttggttca	gtgcaattac	960
acactagaaa	acctagaatt	gcatacaacg	ccttggtcat	cctgtgagtg	cttggttgat	1020
gatgatataa	gggcaattac	atttaaagca	aaatttcaaa	aaagtgcacc	ctcctttgtg	1080
aagatatcag	acttagcaac	ccacctagag	gataagtgtt	caggagtggg	tctgattaaa	1140
gccagatttt	cagagctggc	atttcctatt	acagcatctc	agaagatagc	gctaaatgct	1200
cacagttctc	tgaagagtat	tttttcttct	cttcccaaca	tcgtatatac	tggctgtgca	1260

aaatgtggat	tggaactaga	aacagatgag	aacaggatct	acaaacaatg	ttttagctgc	1320
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gtggcagacc	tgttccactc	cttggtggca	gtcagcgcag	aaccttgtgt	attaaagatt	1560
cagagccttt	tttgtttaga	tgaaaacagc	tatccattac	aacaagattt	ctccctcctg	1620
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aaattgcagg	catttcaagg	aagaagtact	gaaatgattt	gtcttttgaa	ataaatgaat	1740
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cttttggttt	cttcctttct	cctggagaaa	tgatctacca	gtcaaggcaa	tatgtagcag	1920
atccctggga	attaaagggt	tgcccatttg	ttcactgtat	ttagtccctg	ctacattcca	1980
ggcattgtac	taagtatggg	gaaccacaga	gaagacattc	cctcagaaac	tgctgcagtg	2040
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taatgataat	ggattagttt	atataaacct	atgttttagac	aagttcaaga	caagcgtgtc	2160
tttctataaa	aagtattgaa	aatgaaggaa	atgagatcat	gtttcaattt	attaaagcag	2220
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ccagcaaaaca	tgtagcaatc	tgttctctca	ttgtgattgt	ggaagaagct	catgtaaaat	2340
gatagtcatt	aatgaggaag	tatggcgtgg	tacttattct	gtaagttcag	agtatgctga	2400
gtgttaatag	attatcatat	tgctgaaaa	taaattcatg	atgacatgaa	caaaaaaaaa	2460
a						2461

<210> 6069

<211> 2083

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (78)...(641)

<223> similar to gi5689810 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6069

ggcacgcgca	cgaacgcacg	gccgcgcagc	atctgtcttg	ctggaagctt	tttcctagag	60
gttgagcggg	ttgcacaatg	tcggaaatgg	ctgagttgtc	cgagctgtat	gaagagagca	120
gtgacctgca	gatggatgtg	atgcctggcg	agggtgacct	tccgcagatg	gaggtaggca	180
gcgggagccg	ggagctatcc	ctgcgtccct	cccgcagcgg	ggcccaacag	ctcgaggagg	240
aaggcccaat	ggaggaggag	gaggcccagc	caatggcggc	gccagagggg	aaacggagcc	300
ttgctaacgg	gccaacgct	ggggagcagc	caggccaggt	ggcgggcgca	gacttcgaga	360
gcgaggacga	gggagaggaa	tttgatgact	gggaggacga	ctacgactat	cccgaagagg	420
agcagctcag	tggtgcccgg	tacagagtat	cagccgctct	tgaagaagcc	gacaagatgt	480
ttctgagaac	aagagaacca	gccctggatg	gcgggtttca	gatgcattat	gagaagaccc	540
cgtttgatca	gttagctttt	atcgaagagc	tttttttcac	tgatggttgt	caatcgctctg	600
accgaagaac	tcggctgtga	tgagattatt	gatagagagt	agtttagatgc	tgttaaaaga	660
ggaggaaact	acttgaggag	ggacccaact	ttccgctatc	ttttgggttc	attccaaata	720
gttttggtcc	attgaaaaac	ttgaccttca	aaaaaatattg	tttttcagaa	tagaacacaa	780
taggacagtg	actgcacagt	tgtgaaaaag	gaagagaatc	attaaagaaa	aagaaaaaag	840
attttaagac	cgttgaaatc	aattatcaag	aacgtcctaa	aacacctatg	gctttgactt	900
tgttattgat	ccagattatt	ttccttgcat	tggggaaaaat	atctttcata	tttgtttgct	960

gtaaagatgg	ttttgcaaga	ataagtcacg	accaagacaa	actgcccaata	caaaagccca	1020
ctgatactaa	ttatataatg	agaaaaaaat	gtatccaact	aggacacata	tcttttgagt	1080
tatttggaact	gaaagcttaa	gaaaacttgg	aaaattctat	tttgtgatct	agtcaagcca	1140
cagttatcaa	aggctacatt	ttcagtgtaa	gataaatgga	tgagtaaact	caaatatgta	1200
tcacgtgtgc	tttgtatctt	aagatgtggt	tccaagagca	tctgaaattt	tgtttgata	1260
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aattttgttt	tgcttgctgt	tttaacttga	cagatgaagg	actttagtgt	aacttcatat	1500
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aacagttatt	ctatcaactt	ttaaagggtt	taaacctgcc	cagaaattac	cttggtatct	1620
gaagtttccc	tctgtctcct	cctctaatta	agcttggtat	ttgtcatgca	ccagcattgg	1680
agataataaa	atttcttggt	ctgtgtat	tgtttggtta	atagtattgc	atacatactt	1740
tctctgtata	ctactttcta	ttgtatgtgt	taaccagtat	taagggaata	tgatccagct	1800
tcagctatct	aattcacaaa	ttaatttctg	gaaattaaac	tttgtaaatt	aagtttttgc	1860
ctataagaat	ttgctggctc	gggaaaacct	gccctatcaa	tgagtatgtt	gccgtgggta	1920
ccttactaag	atgctgaagt	tctaggagag	taatgattac	atcagaaggc	taggttcagc	1980
aaaataagtg	tatcagcagg	ttttatcatg	atcagtaaaa	atgttccaaa	tgcttctgct	2040
ccattatagc	agtaaagaac	gaatatccaa	tgcaaaaaaa	aaa		2083

<210> 6070

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (697)...(248)

<223> similar to gi5932428 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6070

tttttttttt	ttaataaaaac	cataacaaat	ctttcattaa	agatctactg	agaccttggc	60
tgaaatcatc	tattattggt	gctagtttagc	ctctcttcta	tagttgggta	atgtgtgtct	120
tgccactgtg	tttgccagct	ctcccaagt	aaaagaacac	tttttataaa	aaaattaatt	180
gctccaagtt	ttcaggccca	ggggaggctc	tcccattctc	ctccttcaat	aagtcccgtc	240
caggtaagag	gtgatcttgt	ggataaattc	atcatacttc	actttgccat	tgggttcgat	300
atctgccttc	cctgaagaga	tcattcccact	tccttggtgg	tgagcttctc	ccccagactc	360
gtgagttttg	accgcaggtc	ggacgccatg	acgtaacctt	tcttctcctt	gtccaccatc	420
aacatggcta	gaagaatttc	tttctttggg	tcttcttggt	ttatttgcat	gtgcataatg	480
gtcagaaaag	tggagaaatc	cagctctcca	tttccgtcta	tcccgtgggt	ctgcagggtgc	540
cgctgcacct	cccctggcgt	cgggctggcc	cccaggcacc	tcattggccac	catgagggtcg	600
gtggctttta	tcttccccct	ctgctgcttg	tcatacaggg	agaagcatte	cttggtactca	660
ttaatttggt	cttgggaaag	aaacttgccc	attctggggc	ctcagctgct	acccgtgggc	720
ttgctgctcc	cagaaccgcg	ttcagttccc	tttctctcct	cgtgcc		766



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<210> 6071
<211> 412
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (8)...(343)
<223> similar to gi34201 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6071
ggcacgagct ggaaggctgt ggtcgaaggc catttttttt tgctagttat aagcggagtg      60
ggtctccaga accaaaggga gctcattctt ctcaaaattg acggtgttta tgcccaagaa      120
gaaactgaat tgtatttggg caagagatgc gcttatgtac acaaagcgag aacagcacac      180
tgactcctgg cggcaaacca aacaaatcca gagttatctg gggaagggtc actccggcgc      240
acggaaacag cggcatgggt catgccaaat tccgaagcaa tcttcctgct aaggccactg      300
gacacagaat ccatgtgatg ctgtacctct caaagattta gaactaacga aagtaaataa      360
ataaaaagtg atttgtcaaa tcgggcggnc gtggcggctc aacgctgtaa tg              412

```

```

<210> 6072
<211> 3577
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (70)...(823)
<223> similar to gil212951 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6072
gctcggtaaa tatgtgttca ttaactgaga ttaaccttcc ctgagttttc tcacaccaag      60
gtgaggacca tgtccctgtt tccatcactc cctctccttc tctgagttat ggtggcagcg      120
tcttactcag aaactgtgac ctgtgaggat gcccaaaaga cctgccctgc agtgattgcc      180
tgtagctctc caggcatcaa cggcttccca ggcaaagatg ggcgtgatgg caccaaggga      240
gaaaaggggg aaccaggcca agggctcaga ggcttacagg gccccctgg aaagttgggg      300
cctccaggaa atccagggcc ttctgggtca ccaggaccaa agggccaaaa aggagaccct      360
ggaaaaagtc cggatggtga tagtagcctg gctgcctcag aaagaaaagc tctgcaaaaca      420
gaaatggcac gtatcaaaaa gtggctgacc ttctctctgg gcaaaacaag tgggaacaag      480
ttcttcctga ccaatggtga aataatgacc tttgaaaaag tgaaggcctt gtgtgtcaag      540
ttccaggcct ctgtggccac ccccggaat gctgcagaga atggagccat tcagaatctc      600

```

atcaaggagg	aagccttcct	gggcatcact	gatgagaaga	cagaagggca	gtttgtggat	660
ctgacaggaa	atagactgac	cctacacaaa	ctggaacgag	ggtgaacccc	aacaatgctg	720
gttcctgatg	aagatttgtg	attgcctact	gaaaaatggg	ccagtggaa	gacgtccct	780
gctccacctc	ccatctggcc	gtctgtgagt	tcctatctg	aagggtcata	tcactcaggc	840
cctccttgtc	tttttactgc	aaccacaggg	cccacagtat	gcttgaaaag	ataaattata	900
tcaatttcct	catatccagt	attgttcctt	ttgtgggcaa	tcactaaaaa	tgatcactaa	960
cagcaccaac	aaagcaataa	tagtagtagt	agtagttagc	agcagcagta	gtagtcatgc	1020
taattatata	atatttttaa	tatatactat	gaggccctat	cttttgcatc	ctacattaat	1080
tatctagttt	aattaatctg	taatgctttc	gatagtgtta	acttgctgca	gtatgaaaat	1140
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agtttcagg	attaagaaaa	tctattttgt	aactttctct	atgaactctg	ttttctttct	1320
aatgagatat	taaaccatgt	aaagaacata	aataacaaat	ctcaagcaaa	cagcttcaca	1380
aattctcaca	cacatacata	cctatatact	cactttctag	attaagatat	gggacatttt	1440
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gcagtcctag	atgctctatg	tgcttgtaaa	aagtcaatgt	tttcagttct	cttgattttc	1980
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gctagttttt	gacttgctcc	taatgttgaa	ttttgatgaa	caaaatttcc	taattttgag	2280
aaagtcttat	ttattcatat	tttctttcaa	aattagtgtc	ttttgtgtca	tgtttaagaa	2340
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accatttttc	ctccactgaa	ctaggggtgt	gcatttttgt	aagttaggta	actgtatgtg	2580
tgtgtgtctg	tttctgggct	gtctattcta	gtctatttgt	tgatgcttgt	gtcaaacagt	2640
acactatctt	aattattgta	catttatagt	tgtaactgta	gtccagcttt	gttcttcttc	2700
aagtcaagat	ttccatataa	atattagaaa	cagtttctca	atctctacaa	aatcctgatg	2760
aggtttctac	tgggaccaca	ttgagtctat	caatcaactt	atgcagaact	ggcaacttac	2820
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ttaattgcta	tgttttgaga	tttttagttt	aaaaaccttg	tatatcttgt	tttggtgggt	2940
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acagttaagt	tttgtgtgta	gtcttacgat	gttttagtaac	ctcaataagt	ttatttctta	3060
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gctttttaat	gagataatgt	gatattatac	ataacacata	tcgattttta	aaaattaaat	3540
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<210> 6073

<211> 2626

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (138)...(1318)  
 <223> similar to gi475210 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6073

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aatgcaaaga	aaaatgtgaa	ggattcgaac	tgcacttctg	gagaaaaata	tgtcgttaact	180
gcaagtgtgg	ccaagaagag	catgatgtcc	tcttgagcaa	tgaagaggat	cgaaaagtgg	240
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ttcccatgta	taaacgcaat	gttatgatat	tgacgaatcc	agttgctgcc	aagaagaatg	360
tctccatcaa	tacagttacc	tatgagtggg	ctcctcctgt	ccagaatcaa	gcattggcca	420
ggcagtacat	gcagatgcta	cccaaggaaa	agcagccagt	agcaggctca	gagggggcac	480
agtaccggaa	gaagcagctg	gcaaagcagc	tccctgcaca	tgaccaggac	ccttcaaagt	540
gccatgagtt	gtctcccaga	gaggtgaagg	agatggagca	gtttgtgaag	aaatataaga	600
gcgaagctct	gggagttaga	gatgtcaaac	ttcctgtgta	gatggatgcc	caaggcccca	660
aacaaatgaa	cattcctgga	ggggatagaa	gcaccccagc	agcagtgggg	gccatggagg	720
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caccagctta	atttttgtat	ttttagtaga	gacaggtttt	caccatgtta	gccaggctgg	2160
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catggatata	tcaaattgtct	tcacttgat	attttcatgg	ctaggtattt	ctaattgtta	2520
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<210> 6074  
 <211> 6375  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(6376)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (6209)...(3271)  
 <223> similar to gi3043658 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6074

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tgaaatgcaa	ggcatgtgaa	attcaagcat	tcagagaaaa	gccacactga	gagcttggtta	180
gaccatgaat	ctgggttatac	tatgggggtca	aataatgacc	ctaggtatac	aggtttctct	240
ttccctcggt	aaaacagaaa	aaaattttaa	agatgctctc	caataataga	attataatgt	300
gatttaaata	ttttttaatt	actcatctac	acaaatgacc	tttgatcaag	ctcaggcaaa	360
atataagttg	caataatatc	tacacgtaat	gtgaagggtt	taaaaaaata	atacaaagtt	420
cattcacagt	gcacaagtga	aaaccaagg	aagtttcaaa	tatctcaaca	acatatagcc	480
atgatcattc	aaaaggtaag	gcatatttta	aaggcacatt	tccatactgc	taggggtata	540
acataggacc	agcttagaga	actgagagaa	aaaccattac	ttttggaaat	tcccncncnc	600
ccccccctct	tttattggaa	agcaaaaata	ccagatttct	ttcctcagat	acatacatct	660
agaataaata	aatacaaaat	tattaactaa	agattttatc	ttttaaacct	atactctgac	720
tctcatccta	tggtcaaatt	cccacattgt	gaggctggga	agcaccactc	tctgccatgg	780
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agtctgcgga	aaaaactgta	gaaaatggga	atacaaagag	ggcaatatca	taaactacta	900
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ggcgcgttat	ttcgtgctgt	gcactgccta	ggtacactga	tttttaaaat	tgaagtccta	1020
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cgctnnngtc	cgact					6375

<210> 6075

<211> 1891

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (178)...(1397)

<223> similar to gi5231137 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6075

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gagggaccac	ttggggccag	ccagactggc	ctcaatggcg	gactcagtca	cattgactga	1740
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ggccccctgg	ggacacaagc	aggcgccaat	ggtatctggg	cggagctcac	agagttcttg	1860
gaataaaaagc	aacctcagaa	caaaaaaaaaa	a			1891

<210> 6076

<211> 4323

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (186)...(3371)

<223> similar to gi4200325 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6076

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cagagggaag	cctgtccct	gagggtcttt	tctcaggccc	aatagatcag	ggtaatcatt	180
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catgcagtgt	taaacactcc	cctacgcgag	aaacgctgac	ctacgctcaa	gctcaaagga	300
tggtagagat	agaaattgaa	gggcgtttgc	acaggatcag	tatttttgat	cccctggaga	360
tcatattgga	agatgacctc	actgctcaag	agatgagtga	gtgcaacagc	aacaaggaaa	420
acagcgagcg	gcctcctgtc	tgcttaagaa	ctaagcgtca	caaaaaaac	agagtcaaaa	480
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gtgatgtata	tagaattagt	actttatttt	tatttttaag	aggtaaagca	ttatggtggg	4260
gaaagtaggg	tgggtttcca	aatttgcatt	ttttatatta	aaaataaagt	caagatttgg	4320
aaa						4323

<210> 6077  
 <211> 1164  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1146)...(373)

<223> similar to gil374879 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6077

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agggacagga	gtcttggccc	agaggctcgt	ggggaccacc	aaaagccttc	ccaggcagct	180
ggagcactgt	gtccaaacca	aggaagtcca	atgtgggggtg	tggctgagtg	aagagctggt	240
cctaaggagc	caagtgtctgt	ctatacaggc	ttgccccctc	caggagcatt	gggtcacctc	300
tggggatggc	caggctgaat	cagcactgcc	agcctctgcc	cacctgatct	ctgcctgggc	360
tgggaacaggt	cacctgagca	aaagcatgtc	cccaagaagg	ccagcgatgt	caacatctcc	420
aatgataggg	cgaaagaaga	ggtccccaag	caggctgggc	ggaatggact	tgaggggtgga	480
ggccgtgagg	aggacacggg	tcaggcgggc	ttgggctgct	gggcaccagg	gttccaggac	540
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gcctggcaca	tcgggggttga	agagaatggg	tcctttcagg	caggcattat	tccttggggc	660
taagctccag	gctccagaag	gactccagac	agcattgaag	ccactgcacc	gcagccaggg	720
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tcattggttag	ggatctgctc	tctc				1164

<210> 6078

<211> 5175

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5175)...(2789)

<223> similar to gi2997619 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6078

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tcataaccag	gaaatagcat	agcacttcat	gacctaagag	tgatgaaagc	aagaccaggg	180
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aaacccaaaag	caaacttgct	aaaaaatcct	gaattccatg	aggttaactc	tgaaatcctc	300

caaacaaaat	gctagaattg	tccactagt	ttaagacgag	aaaactgagg	aaaactcagc	360
tgtcttacta	tctggaaga	gtcttccctt	catctcaagc	cctcaaaaat	gcaaaacttgg	420
ttccagcttt	acaacatacc	atatccttct	atcggttaaa	ggtttctaac	ctaaaaacct	480
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aagaaaactt	aagtttcttt	ctctttaccc	ctctcccttc	actcagctca	aagttaaaca	660
gctgatgcaa	aactacagag	aagcaagata	acaaaatact	gttatcaatc	tatggagaaa	720
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<210> 6079

<211> 6584

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(6585)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (272)...(5450)

<223> similar to gil663706 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6079

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gaaaagaaaa	atgaagcttt	gatggaatgt	aaagccaagc	ctggtggtag	tccaattggt	180
taagttttca	gataaagaag	aacatgaaca	aatgattccc	atttcaggta	aaacgggtga	240
gactggtggt	gaagaaatga	tagcaacaag	aaaagttgaa	caagattcaa	aggagacagt	300
aaaattatcc	catgaagatg	accatattct	tgaggacgct	ggatcttctg	atattttctag	360
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 Run with FASTXY 3.3t00, default parameters

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ctccatatct gggctattca aggtcttggg ggccagcaca gacccagcta gttgttgaag 6360
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a 6421
```

```
<210> 6081
<211> 1114
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (914)...(248)
<223> similar to gil669621 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

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<400> 6081
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ctgtaaatcaa gacattttata taaagtgaca ctttgggatt atttggcctc ataagctaga 180
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ttgaattttt accattttat accatgtgtc ttcagtagaa ttttgccata ttatataacc 480
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gctggtagtt gatgtagttc tgtgccacca aggcgcctt ggaggctggg tagttggtcg 900
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gaccagtagc agagcgccgc ccgtcctgct tgctgctggg tccggttgcc gaggcgaaa 1020
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tttgggcccc ggctccctgc atccgagagc cctg 1114
```

```
<210> 6082
<211> 3364
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3215)...(639)
<223> similar to gi30508 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
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<400> 6082

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aaatttgtgt	acttgtttat	agtgtctctc	tgtaaatgtg	catttgacca	aagagattcc	300
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catc						3364

<210> 6083

<211> 3494

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (84)...(2346)

<223> similar to gi520934 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6083

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ttctagtagg	gggtgaagag	ggctttcacc	tgatagatca	tgaagcaatg	tcccagggtt	360
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ccatgccaa	aaatattgaa	ggtgcaaccc	tcactctgca	gtcggaatgt	ccggaaacaa	480
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<210> 6084

<211> 4407

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (447)...(2959)

<223> similar to gi4886427 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6084

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gacagccaag	tgatgttct	ttcctggcaa	aggagtctc	tggtagttcc	tccatagcag	3240
ccttccctth	agtctctggg	ggcagcttct	acctcagcca	acactgagta	cctcacaacg	3300
agttcagtca	gtagcagaag	gatcttctct	cttgcttctg	atgatttcaa	ggtcctcaca	3360
gtcctgataa	tctggttctt	cccgaaaactc	cccaaatatc	ctatggagag	ctggttctag	3420
cttttgacaa	gggaaccagt	ggacagagggt	atcattaaat	atgtccatgt	attgtgaagt	3480
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gatagatacc	tttgcaatgt	agggataatt	tttctgcaga	atccttgcca	acaacctaga	3960
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tcattcaact	tttaaaacac	ataaaagggc	aagatgattg	aagcatagta	agaattcagg	4080
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cctggtgtgc	atctgtaatc	ccagctactc	attaggctga	ggtaggagta	tcgcttgaac	4320
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gagtggagact	ccatctcaaa	aaaaaaa				4407

```

<210> 6085
<211> 1734
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (160)...(1624)
<223> similar to gi5916108 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6085						
ggcacgaggg	gccgcagctc	ctccggtctt	gcagggtcac	ggaggaagcc	agctccccta	60
gtccaggccg	agcttgcaact	tgcgtcttgt	ctgctgctgc	tgaaccaaga	tttagctgtg	120
cgccctcctt	gcagtctcct	ggaaccagca	ggaggaaaca	tgggggatac	tggcctgaga	180
aagcggagag	aggatgagaa	gtcgatccag	agccaagagc	ctaagaccac	cagtctccaa	240
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acaatgatca	ccaagtcagg	gggagagtat	ccctacctga	tggaggccta	cgggcccatc	480
ccgcctacc	tcttctcctg	ggccagcctg	atcgtcatta	agcccacgtc	cttcgccatc	540
atctgcctca	gcttctccga	gtatgtgtgt	gcgcctttct	atgtgggctg	caagcctcct	600
caaatcgttg	tgaatgcct	ggccgcccgc	gccatcttgt	tcatctcgac	agtgaactca	660
ctgagcgtgc	ggctgggaag	ctacgtccag	aacatcttca	ccgcggccaa	gctggtgatc	720
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ccttacagaa	acctgccttt	ggccattatc	atcgggatacc	ccctggtgac	ggcgtgctac	960
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gcggtggctg	tgacatttgg	tgaccgtggt	ctctatcctg	cttcttggtg	cgttccactt	1080
tttgtggcat	tttcaaccat	cggtgctgct	aacgggacct	gcttcacagc	gggcagactc	1140
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gcgcctcact	ccagcccccg	ccatcatctt	ttatggtatc	atagcaacga	tttatatcat	1260
ccctggtgac	ataaactcgt	tagtcaatta	tttcagcttt	gctgcatggc	tgttttatgg	1320
cctgacgatt	ctaggactca	tcgtgatgag	atttacaagg	aaagagctgg	aaaggcctat	1380
caaggtgccc	gtagtcattc	ccgtcttgat	gacactcatc	tctgtgtttt	tggttctggc	1440
tccaatcatc	agcaagccca	cctggggagt	acctctactg	tgtgctgttt	atattaaggc	1500
ggccttttat	tttacttcct	gtttgtccac	tacaagtttg	gatgggctca	gaaaatctca	1560
aagccgatta	ccatgcacct	tcagatgcta	atggaagtgg	tcccaccgga	ggaagaccct	1620
gagtaacaag	ctccgtctct	tgtagccaag	tcagctgaat	ttattttctt	aagcaatatt	1680
tgtggttatt	tcttcctttt	tttcctacga	ataaaatata	ctcagatggt	taaa	1734

<210> 6086  
 <211> 884  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (271)...(56)  
 <223> similar to gi55677 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 6086
ggcacgagcc tgcagggcct cagagaagca tgggaaagcc cttcaggtgt taggggaagg      60
tgattttgag ttgttccttc actttgttga atgtctctga aatccagttc tggggcttgg      120
caggaatggt gccgcttgca gtggctgccg ttcagcttat ctgggatgtg tccaagatg      180
ctggagttgt ctggggccat ccagactggg gctgggattt ccacacccat ggagccacga      240
ctaggactgg gagtgcacaga acgagtttgg ggggtgctgcc agagggggcac tctagattgt      300
tcttgggata gcacaggttc ccagatacag ttctaagcca ttgaggggct aggagcagaa      360
tcgtcttagt ggaggtgatt gctaactctg aggtgtactt gccatgagcc agttgctgtt      420
aggggatgag ctgattcctg tactccccc tttagagggg atgctgacac agctagttag      480
aggtggggca gggacttgaa cctctattct ttagctatag aacttctgtc cttaccact      540
atgctatgcc taaaatctga ggagacttct ggtaggactc tttctcccac agcccaaagg      600
aaaaaggaag cccaagaaa tgttttatct tagggaaact ttcttggaac cacttccttc      660
cctcaggcct gcactggttt ttgtagttag tctaaggatg tctgtcatgc aaggatgtgt      720
tacctatggc cccatgtcag gagaatgatt aggttcctgt gaagttttaa aaaaatcctg      780
ttagatacta gagatacaca gtaactgcc aatattactt tctacatgca aggcacttgt      840
acagaggttg aaaagatgtc tccatttaag cgtccattta agcc                        884

```

<210> 6087  
 <211> 2054  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2055)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (72)...(1449)  
 <223> similar to gi2337865 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 6087
cggccgcgctc gacccgcacc atgggggtccc gccacttcga ggggatttat gaccacgtgg      60
ggcacttcgg cagattccag agagtccctc atttcatatg tgccttccag aacatctctt      120
gtgggtattca ctacttggct tctgtgttca tgggagtcac ccctcatcat gtctgcaggc      180
ccccaggcaa tgtgagtcag gttgttttcc ataatcactc taattggagt ttggaggaca      240
ccggggccct gttgtcttca ggccagaaaag attatgttac ggtgcagttg cagaatgggtg      300
agatctggga gctctcaagg tgtagcagga ataagaggga gaacacatcg agtttgggct      360
atgaatacac tggcagtaag aaagagtttc cttgtgtgga tggctacata tatgaccaga      420
acacatggaa aagcactgcg gtgaccacag ggaacctggg ctgtgaccga aaatggcttg      480
caatgctgat ccagccccta tttatgtttg gagtccctact gggatcgggtg acttttggct      540
acttttctga caggctagga cgccgggtgg tcttgtgggc cacaagcagt agcatgtttt      600
tgtttggaat agcagcggcg tttgcagttg attattacac cttcatgggt gctcgctttt      660
ttcttgccat ggttgcaagt ggctatcttg tgggtggggt tgtctatgtg atggaattca      720
ttggcatgaa gtctcggaca tgggcgtctg tccatttgca ttcctttttt gcagttggaa      780
ccctgctggg ggctttgaca ggatacttgg tcaggacctg gtggctttac cagatgatcc      840
tctccacagt gactgtcccc tttatcctgt gctgttgggt gctcccagag acaccttttt      900
ggcttctctc agagggacga tatgaagaag cacaaaaaaa tagttgacat catggccaag      960
tggaacaggg caagctcctg taaactgtca gaacttttat cactggacct acaaggctct     1020
gttagtaata gccccactga agttcagaag cacaacctat catatctgtt ttataactgg     1080
agcattacga aaaggacact taccgtttgg ctaatctggg tcaactggaag tttgggattc     1140
tactcgtttt ccttgaattc tgtaactta ggaggcaatg aataacttaa cctcttcctc     1200
ctgggtgtag tggaaattcc cgcctacacc ttcgtgtgca tcgccatgga caaggtcggg     1260
aggagaacag tcctggccta ctctcttttc tgccagtgca ctggcctgtg gtgtcgttat     1320
ggtgatcccc cagaaacatt atattttggg tgtggtgaca gctatgggtt gggaaaattt     1380
tgnccatcgg ggcagcattt gggcctcatt tatctttata cagctgagct gtatccaacc     1440
attgtaagat cgctggctgt gggaagcggc agcatgggtg gtgcctggc cagcatcctg     1500
gcgccgttct ctgtggacct cagcagcatt tggatcttca taccacagtt gtttgttggg     1560
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ctagcaacta cttgggagga ggctgcaaaa ctggagtcag agaatgaaag caagtcaagc     1680
aaattacttc tcacaactaa taatagtggg ctggaaaaaa cggaagcgat taccctcagg     1740
gattctgggtc ttggtgaata aatgtgccat gcctgctgtc tagcacctga aatattattt     1800
accctaattg ctttgtatta gaggaatctt attctcatct cccatatgtt gtttgtatga     1860
ctttttaata aattttgtaa gaaaatttta aagcaaatat gttataaaag aaataaaaaac     1920
taagatgaaa attctcagtt taaaaaactg ctttcttatt gctgcaaaat atttttcaac     1980
atgtgttttt ctatgtagtt gattctcaac ctttccccac caccctccta ccaagctcgt     2040
gccgaattct gcgc                                           2054

```

<210> 6088

<211> 2604

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (408)...(812)

<223> similar to gi4886499 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6088

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aagatggcga	ccgagttgga	gtacgagtc	gtgctgtgtg	tgaagccaga	cgtcagcgtc	120
taccggattc	cgccccgggc	ctccaaccgc	ggttacaggg	cctctgactg	gaaattagac	180
cagcctgatt	ggactggtcg	cctccgaatc	acttcaaaag	ggaagactgc	ctatatcaaa	240
ctcgaggata	aagtttcagg	ggagctcttt	gctcaggcac	cagtagaaca	atatacctggt	300
attgctgtgg	agacggtgac	agattctagc	cgctactttg	taatccggat	ccaggatggt	360
actggtgggt	aaagcaggaa	tctgagattt	ccaaggaatc	tcaagaaatg	gatgctcgtc	420
ctaagttgga	tctgggcttc	aaggaaggac	aaaccatcaa	gttgtgtatc	gggaacatta	480
caaacaagaa	aggaggtgct	tctaagccca	ggactgcaag	gggtgggggt	ctgagcttac	540
tcccaccccc	gccaggaggc	aaagtcacta	ttccccacc	atcctcctca	agttgccatc	600
aaccaatcat	gtcacccac	catccattcc	gaaatctaac	catggaggca	gtgatgcaga	660
tatcctttta	gatttggtg	ctcctgctcc	tgtcacgaca	ccagcaccaa	ctccagtttc	720
tgtgaagcaat	gacttggtgg	gagacttcag	cactgcctcc	agctctgttc	caaaccaggc	780
accacagcca	tccaactggg	tccagttctg	aatggcattg	gcaggacatt	aaggacagac	840
ttgaggaata	aaaatgacct	tgagggcacc	aatctgtgag	ggaagttagg	aaccatttc	900
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gcgtagtacc	aaggtagggg	gactagttgg	atcttattat	agttttgggc	tggactatgc	1080
agggcttaaa	aggccagcgt	ctgtttgagg	gggaatgacc	tctaacatct	gtaaaatttg	1140
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tattgtgctc	agtgaacatc	cagtgtctgg	tgcagctcca	tcacctctt	gtgtgtttac	1440
atgtctcttt	ctatgataag	agggttgtgt	tgggtggacc	tccactactc	ttttctgttt	1500
gttgagtttg	aattgtgtaa	catctttgat	cagtgggtgt	atctgtaatg	aaggaggttc	1560
aagaggctgt	gctttccaag	tgatagtcta	taggagtgtt	taatttcttg	cagctccatc	1620
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ggtgcaataa	tggtaattaa	aaatatgaaa	aaaagtgtct	cttttatctt	ttaatttgct	2520
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<210> 6089  
 <211> 4446  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (309)...(1361)



<223> similar to gi4589504 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 6089
cgaccggctg gagttacggg ccgaagactt cgttggcggt cctggctcct cgggattttc      60
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ggagcatggg ctctcaggct gctgctgagt ggaggaactg ggctctctgg gaggggtcct      180
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ggatgtttct cacctacttc atggagaaat gggctccccg gcaggacgac atgcttttct      300
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ctgagcctga ggtggagggt gaggtgtacc ggcgggactc caagaagctg ccaggcctgg      420
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aggagtccaa gatcagctac cccaacatct tcttcatgat tgacagcttc cgaggaaggt      660
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gcttctccaa gtacagcaac atggagtttt gttcgccatg aaggggcccc agggcaaggg      900
ccacgcccag atggcgggtc gccgagtgtc tacagggtgac acatccccct gtgggactga      960
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gcggaaccgg atcgtctgaga tgaagaagtc gcactcggcc aacgacagcg aggagtctct     1140
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tctgagggtg gtcgggaggg ctcggtagcc aggcagaaca ggatatctgc caaaggggtg     2160
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tttgaagtcc ccaggaatat ttgaggggtt ccggtgatgt gtttagggat cttctctgtg     2580
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cctaactctg gaccgtgctt ggtgggggga tgtgaacttt ctctctcccc cagcagtgtc     2940
tgctcaggcc tgacagctca gctctgcacg atttcatgtt cctaaaccca tgtcttaggg     3000

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<210> 6090

<211> 3941

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3912)...(1655)

<223> similar to gi49518 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6090

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<210> 6091
<211> 3670
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (62)...(2131)
<223> similar to gi5139484 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 6092

<211> 2933

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (124)...(1931)

<223> similar to gi3820592 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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tccttgctgc	attgtacagt	agcttttcaa	actgcagttt	tattgctaag	tttttagtat	2880
gggtgatact	ggagtcttat	catttgaagt	gggtgctttt	ctacttttac	agt	2933

<210> 6093

<211> 3490

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (91)...(2613)

<223> similar to gi388765 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6093

gggtgggtctg	cacctggatt	ttggagtccc	agtgtctgtg	cagctctgag	cattcccacg	60
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ctgatcatgt	tgggttctct	ctgccataga	ggttcacctg	gtggcctttc	aacacacgta	180

gaaataggac	acagagctct	ggagtttctt	cagcttcaca	atgggctgt	taactacaga	240
gagctgttac	tagaacacca	ggatgcgtat	caggctggaa	tcgtgtttcc	tgattgtttt	300
taccctagca	tctgcaaagg	aggaaaattc	catgatgtgt	ctgagagcac	tcactggact	360
ccgtttctta	atgcaagcgt	tcattatata	cgagagaact	atccccctcc	ctggggagaa	420
ggacacagag	aaactggtag	ctttcttggt	tgggaattact	tctcacatgg	cggcagatgt	480
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gtttgaattt	aatttttaatt	accttgcacg	acgctgggtat	gtgccagtca	aagatctact	660
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agtatacaga						3490

<210> 6094  
 <211> 1761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1762)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1061)...(444)  
 <223> similar to gi5817065 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 6094
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gagtggggca gaaacaggtt gttgcccttg gaagaaggtt ccaaggggca gaggttgggg      120
atgtctcagt aaagaggggc aggtcatgaa tagagcctcc acccccagca ggggggttcct      180
ggggcccgcc caagcactgg gctaaaacgt ggaaactggg cattgacaaa gtacagcggg      240
atgtgggcaa ttcggcctgt ggaccagccc aactgagca gggccccttt gttgaaggaa      300
ggatggaaag tgatgagctg gggctgggct cctggctccc cctggataat gccacaggga      360
aggagctcaa acacagggtt gtttcgagtg cgaaaaagga ggatgactgg tttaccatcc      420
tgtacccttg gctttccttt cataagcaca gccagacgtt cccactggg gtcccagacc      480
atggagtgag cctctccccc aagcctctcc tcaccatctg gtgtctgtat tgttgtctca      540
gacagatctg ccacaatcgt tgctgacttt gcacctccaa cgcacccctt tccctcacca      600
caacgttctg gaaaagacag ggagtaaate agtggtcttc ccaatacagt gaacagcagt      660
cggctgccat ctgggctcca gcagccagtc tgacagcgcc ctgatagagt aggccacctc      720
tcacaagtcc acatctgggc ctcccagact cgaaagacag ctgaaggagt ggtagccagg      780
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gctgagagca gccgcccccc actggggggc caggccaagc tggtaacagg tgtatgcca      960
gggtgagaca gcacttgggc acagccagaa gagggctggg tagacaagga ggtagggtcc      1020
aggggtccaga taagaatgca gctctggcag gccacagcca agacagaggc actaaggggc      1080
ttccaggcca gagacgccac atttcgctgc agcgggtgct tcaggaggagg gactatggtg      1140
ctgctggcat tatacacacg gactgagtc tctagcaggg cactgcaaaa cttgttggtg      1200
tggggggtgcc atgcaaagac acgcaagcag cagctggacc aatttgtgac ttgggcaaat      1260
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gaggcccatc gacagagtgc caggggccag ccgatgccc tcttcaccca ctcaaacacc      1380
tcttctctct agtttgcaat ttcatttagc accccaaaaa ggcccacatc acgccaatg      1440
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tccagccttc caggggtctt taggggatcc tttgtcagtt gtaggacagg aagattgatc      1560
caccagaga gcacatcttg ccggttcgca ggacgtctgc agtcggcaaa ctctggccg      1620
gaacggcaca gaccgcactc ccgcaactcg gttcccgggc tagattcgta tgcggacggg      1680
taccgcaagg gacaaacggc gaggcggaac tctctctctc tcttntntnt ctctctctcc      1740
tcgtggcgaa ttcctaaagg g                                     1761

```



```

<210> 6095
<211> 1273
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (250)...(1041)
<223> similar to gil262338 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6095
ccaaagccaa gatggcaggt acgtcctttt agaatttaag gttagtgaag ccatctatatt 60
ccccgacccc ccttcagtga aaatgggtctt tcgcatctgg ctcttctttt tggaggcgtg 120
cttgccagca gtcaaaatgg ctccattccg gaatagattt aataggaagt gaagctgtga 180
cggcgaggcg ttgcccggcc tatctttgct aggcgttctc agaattagtt ctttctgccc 240
acactagaca tggcgcttgc cagcgtgttg gagagaccgc taccggtgaa ccagcgcggg 300
tttttcggac ttgggggtcg tgcagatctg ctggatctag gtccaggagag tctcagtgat 360
ggtctgagcc tggccgcgcc aggctggggg gtcccagaag agccaggaat cgaaatgctt 420
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agggtacag cgggtgctta cattgcctcc cagacgggtga agaaggatgat agagatcaac 540
ccatacctgc taggcaccat ggctgggggc gcagcggatt gcagcttctg ggaacggctg 600
ttggctcggc aatgtcgaat ctatgagctt cgaaataagg aacgcattctc tgtagcagct 660
gcctccaaac tgcttgccaa catggtgtat cagtacaaag gcatggggct gtccatgggc 720
accatgatct gtggctggga taagagaggc cctggcctct aactacgtgg acagtgaagg 780
gaaccggatt tcaggggcca cttctctgt aggttctggc tctgtgtatg catatggggg 840
catggatcgg ggctattcct atgacctgga agtggagcag gcctatgatc tggcccgtcg 900
agccatctac caagccacct acagagatgc ctactcagga ggtgcagtca acctctacca 960
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ctactcacta ctc 1273

```

```

<210> 6096
<211> 5210
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1991)...(5117)
<223> similar to gi3043678 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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agaatatggg	aatcgtcttc	cgctgccacg	cacgcaagtt	gtgaacattc	caagccaatg	180
tatacaattt	ggagggggaag	gctaacaacat	agcatcaacc	acgctactga	acataggaat	240
ttttcattta	aaaagattaa	aaattagata	gcaatgtctt	cttaatatgt	ctctcgtcat	300
tgaagactga	ggaaaaataa	aaagtgactt	tataagtttt	ttaaaaaaaag	aggcaatggg	360
gaaaaaaaaca	agaggctgct	acaacactgc	catacagtca	aaccatcata	cttcaatatt	420
tgcatactcg	atagcagcat	tattttttact	gaaccgtgtg	caactacatg	tagaaacaca	480
tcaaagcaaa	atatcatggc	agttatcaat	caagatccaa	aaaggaaaaa	aacaaacaaa	540
aaaataaactc	taggatgaac	acactataag	aacattttatg	gagaaagaat	cagtatctac	600
attcttggac	tgttccattc	tgccccaata	aaagtgtcaa	ttcaactgtc	agctgtggat	660
ttttggcgga	tttgagtttt	tccagttctt	atgatactgc	atgcttggaa	caaaggggggt	720
cataataaat	ccttctacac	aatgaacttc	ataggcagac	agctgaaaat	aaatttacta	780
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gagaagagct	agggtaagag	aaggacgtaa	acagaacctg	acaccagctc	cttttccttc	5160
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<210> 6097

<211> 668

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (107)...(589)

<223> similar to gi563324 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6097

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gcttctggcg	gcctgggtgt	tgctgtgtgc	ctccttctcc	gatcaatgca	atgtcccgga	240
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atatctgaac	tatgaatgcc	gccctgggta	ttccggaaga	ccgttttcta	tcattctgcct	360
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tccagatcct	gtgaatggca	tggcacatgt	gatcaaagac	atccagttcg	gatcccaaat	480
taaatattct	tgtcctaaag	gataccgact	cattgggttc	tcgtctgcca	catgcatcat	540
ctcaggcaac	actgtcattt	gggataataa	aacacctgtt	tgtgacagtg	agttgaaata	600
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tttcgaaa						668

<210> 6098

<211> 6730

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (369)...(6289)

<223> similar to gi36124 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6098

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aggggtggcat	caaataccca	gagacgactg	agggaggccg	ccccaaagctt	ggggggctga	540
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<210> 6099

<211> 1240

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (456)...(746)

<223> similar to gi3242079 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6099

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catttgactg	cagcactgat	caagaagaga	aaattgaaga	tggtgctagt	cactgtctgc	360
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<210> 6100

<211> 7431

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (392)...(5946)

<223> similar to gi5456754 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6100

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<210> 6101

<211> 1704

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1679)...(139)

<223> similar to gi5763727 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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acagatatta aaaactcagt ctccaaaatg ctcaataaag atgtctgggt gacacttata      180
gaattgacct agcaaatttt ttcttctctt tggcagaaag ttttgaatcc tcatcaagag      240
tttttagtaa attcaacagc tcatcttttg ttgtcttctc tgtattgttg gaatagtcac      300
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catctttctg atgatccatt taaaaagagt accagaagat ctgttttgcc tttggataaa      480
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tgatttaaca gaggttccct actactgtaa tatctgcaa tggcatcaaa cagaagttct      780
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aaacggtgcc ttcgtttttt cacttccact tgtgtttgaa gagtgtttat gatgctgctc     1560
catacatagc tggctccaaa tggcttctga gctacactga aaccggagg cctgtgcgcg     1620
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<210> 6102

<211> 2485

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2307)...(433)

<223> similar to gi2584787 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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ctgattcccc atcactggcc aaagaagtcg gggcatcttc ctttcaccaa gtgttcaact     180
ttggagggac cctccttctg gtgcagcaat tttattcttg gcttgttctc aacaattaaa     240
aatcataaaa agactgagtg tttgcaataa aatatcaaag aggataagaa gattttctgt     300

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tcttcttaaa	gtctaaagta	aaaaggggag	gtagggaaga	aggaaaggaa	aggggaaaga	360
tgtcagggat	ctgccacgtt	tcttccttcc	tccagagcat	tttacaiaaaa	caaaaccggg	420
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aattgttgag	ccagtcgcac	tctttgtctg	taagagaatc	cacatctatc	attttggctc	600
gaattggaac	caatgttaga	ggttcaaagg	tcaggcttcc	ccggttatta	aaattatact	660
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<210> 6103

<211> 1513

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1444)...(529)

<223> similar to gi5824207 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6103

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<210> 6104

<211> 3196

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (46)...(3139)

<223> similar to gi559056 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6104

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<212> DNA

<213> Homo sapiens

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<221> misc\_feature

<222> (640)...(8288)

<223> similar to gil666075 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<223> similar to gi2217970 in the genepept database release 114,
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gacaggtaat aaaaatgtgg gttttatttag tccactacag tcacaatata atcgtcatag      120
atttcccttt ctgtattcat cccaccaaac accaaacaga gcagtgtagc agtctggctt      180
tcctcatgtg agtcaccact gtggctcatt actttgtcag ctgaatcctc tttctcagct      240
tcatggttca gagtgaagga gttgggaatc ttctttctca gaagcacacg tcaactggccc      300
atgggaatga taccacatgg gaatgggtcc caatcgcccc aggggggtag gaaggagtat      360
ccaaatttaa ggcaagggtc ccaatgctgc tcttctgtgt gatactgggt acattgtgtc      420
ccagggtgctc ctgcaggagt cattccacca aaggatgtac acatgttttt cccatggcca      480
cagctggagt ggggaagcac agcctgctgg aggcagcccc agtgggattt agcttctgcc      540
atttcatgtc acttatatca atgcagtgga ggtcatcata gaatctgtcc cccgccaagc      600
ctccgtggat gaagagcttt gtccctgctg ccaccatcac atgaccatgc cggggagatg      660
gaggatttcc aagtgtctct ggctgtgacc aggtcagagt gtttgctgca aacacatgca      720
gcttcgtgtc ctgcacgggc tgggcacctc tctctccgcc cccaaagaca tatagctggg      780
ttccaatggc tgccgatgat gtgtggaatg ttcttgggga tgggtgggggg ctggtcactt      840
ctggcgtggg ccacgtcctg gtttcaggat tcaggacttg tagacaattt cgatttctctg      900
attggttggc acctccaaat acccagatac ggtcagggtg gcaggaggga atgaagctag      960
catgttcata cgggggcaag aggcccttgc aggtatctaa gtcccactgg tgttttccca     1020
gatccatggt gtgcacgtct gagaagcttc tgtttggatt tgctccccc acaatgaaga     1080
ccttccctct cttggcatta ccaactgggg gtaaataatga acagctgtgg ccaactcgag     1140
cacaggggct gtctccaggg acagtcaagg tgtaccatgt tgctttcctg ggcttgtctc     1200
caggttccaa gactggcagt tgcttcatgg tgtcctgcgg cctaggccac tgacagctgt     1260
ccccaaagtc cagagctcag ttaggctggc ttacagtggg cgggacctcc cgcagcagcc     1320
gccgctacca gccagcaaa tctcatcccc acgtggcagt tctgcggcga cttaggccag     1380
t                                                                                   1381

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<210> 6107
<211> 2006
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (28)...(1804)
<223> similar to gi179720 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6107
ctgtggcattc tcctgtcaca ttgggaaatg aagaattcca ggacatgggc ttggagggcg      60
ccggtggagc tatttcttct ctgtgctgcc ctgggctgtc tcagtttgcc tggctccaga      120
ggtgaaaggc cacattcctt tgggtcaaat gcagtcaaca agagctttgc taagagcaga      180
cagatgcgga gtgtggatgt taccctgatg cccattgatt gtgagctgtc tagttgggcc      240
tcttggacca catgtgaccc ctgtcagaag aaaaggtaca ggtatgccta cttgctccag      300
ccctctcagt tccatgggga accgtgcaac ttctctgaca aggaagtcga agactgtgtt      360
accaacagac catgcggaag tcaagtgcga tgtgaaggct ttgtgtgtgc acagacagga      420
aggtgtgtaa accgcagact tctttgcaat ggggacaatg actgtggaga ccagtcagat      480
tgaagcaaac tgtagaagga tttataaaaa atgtcagcat gaaatggacc aatactgggg      540
aattggcagt ctggccagtg ggataaattt gttcacaaac agttttgagg gccagttct      600
tgatcacagg tattatgcag gtggatgtct cccgcattac atcctgaaca cgagggttag      660
gaagccctac aatgtggaaa gctacacgcc acagacccaa ggcaaatacg aattcatatt      720
aaaagagtat gaatcatact cagattttga acgcaatgtc acagagaaaa tggcaagcaa      780
gtctggtttc agttttgggt ttaaaatacc tgggaatatt gaacttggca tcagtagtca      840
aagtgatcga ggcaaacact atattaggag aaccaaacga ttctctcata ctaaaagcgt      900
atctctgcat gcacgctctg accttgaagt agcacattac aagctgaaac ccagaagcct      960
catgctccat tacgagttcc ttcagagagt taagcggctg cccctggagt acagctacgg     1020
ggaatacaga gatctcttcc gtgattttgg gaccactac atcacagagg ctgtgcttgg     1080
gggcatttat gaatacacc tcgttatgaa caaagaggcc atggagagag gagattatac     1140
tcttaacaac gtccatgcct gtgccaaaaa tgattttaaa attggtggtg ccattgaaga     1200
ggtctacgtc agtctgggtg tgtctgtagg caaatgcaga ggtattctga atgaaataaa     1260
agacagaaac aagagggaca ccatggtgga ggacttgggt gtccctggtac gaggaggggc     1320
aagtgagcac atcaccacc tggcatacca ggagctgccg acggcggacc tgatgcagga     1380
gtggggagac gctgtgcagt acaaccacgc catcatcaaa gttaagggtg agcctctgta     1440
tgaactagtg acagccacag attttgcta ttccagcaca gtgaggcaga acatgaagca     1500
ggcactggag gagttccaga aggaagttag ttctgccac tgtgctccct gccaaagaaa     1560
tggagtcctt gtcctgaaag gatcacgctg tgactgcac tgctctgttg gatcccaagg     1620
cctagcctgt gaggtctcct atcgggaaga taccocatt gatgggaagt ggaattgctg     1680
gtcaaattgg tcttcatgct ctggaagacg taagacaaga caaaggcagt gtaacaatcc     1740
acctcctcaa aatgggggta gccctgttc aggcctgtc tcagaaacac ttgactgtct     1800
ctagcagatg atacagcagt gggctacata caatgagagc cctgagccct caagaactca     1860
cgccagctca gccctacacc agtttccacc tggagttcat gcaagggcaa aaggcagtgc     1920
catgcaagct gtttaaaata aagatgttac cttgtaaaat gcaagttgat ttaaataaat     1980
actgagttaa aggcttaaaa aaaaaa                                2006

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```

<210> 6108
<211> 3145
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (340)...(1167)
<223> similar to gi5912237 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6108

ggcacgagtg	gttatgcagc	acagcaactt	cccagttctcc	tgaaggagag	agagtttcac	60
cttgggaccc	ttaataaagt	gtttgcatct	cagtggttga	atcataggca	agtgggtgtg	120
ggcacaaaat	gcaacacgct	at ttgtcgta	gatgtccaga	caagccagat	caccaagatc	180
cccatttctga	aagaccggga	gcctggaggt	gtgacccagc	agggctgtgg	tatccatgcc	240
atcgagctga	atccttctag	aacactgcta	gccactggag	gagacaaccc	caacagtctt	300
gccatctatc	gactacctac	gctggatcct	gtgtgtgtag	gagatgatgg	acacaaggac	360
tggatctttt	ccatcgcatg	gatcagcgac	actatggcag	tgtctggctc	acgtgatgg	420
tctatgggac	tctgggaggt	gacagatgat	gttttgacca	aaagtgatgc	gagacacaat	480
gtgtcacggg	tccctgtgta	tgcacacatc	actcacaagg	ccttaaagga	catcccaaaa	540
gaagacacaa	accctgacaa	ctgcaagggt	cgggctctgg	ccttcaacaa	caagaacaag	600
gaactgggag	cagtgtctct	ggatggctac	tttcatctct	ggaaggctga	aaatacacta	660
tctaagctcc	tctccaccaa	actgccatat	tgccgtgaga	atgtgtgtct	ggcttatgg	720
agtgaatggt	cagtttatgc	agtgggctcc	caagctcatg	tctccttctt	ggatccacgg	780
cagccatcat	acaacgtcaa	gtctgtctgt	tccagggagc	gaggcagtgg	aatccgggtca	840
gtgagtttct	acgagcacat	catcactgtg	ggaacagggc	agggctccct	gctgttctat	900
gacatccgag	ctcagagatt	tctggaagag	aggctctcag	cttggttatgg	gtccaagccc	960
agactagcag	gggagaatct	gaaactaacc	actgggcaaa	ggctggctga	atcataatga	1020
aacctggagg	aattactttt	cagacattga	cttcttcccc	aatgctgttt	acaccactg	1080
ctacgactcg	tctggaacga	aactctttgt	ggcaggaggt	ccccctccct	cagggtccca	1140
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ctatagatct	tttaattgtc	ttaatttttt	ttctattatt	aaactacagg	ctgtagattt	2940
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tcagtaggat	gttttgtact	attgctagac	cctcttctgt	aatgggtaat	gcgtttgatt	3060
gtttgagatt	ttctgttttt	aaaaatgtag	cacttgactt	tttgccaagg	aaaaaaataa	3120
aaattattcc	agtgcacaaa	aaaaa				3145

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<210> 6109
<211> 3042
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (322)...(1664)
<223> similar to gi899300 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6109
gcgtggacgc gtgggctaga ccataatgca tcattacttt cccagggat aaccaggtat      60
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tactcagct cctgtgggga aactcatttg tggagaccag ccctctggct tggtagtgta      180
atctggttta caccggctcc tgccctgcct tactcttct cccctgattc aagactcctc      240
tgctttggac tgaagcactg caggagtttg tgaccaagaa cttcaagagt caagacagaa      300
ggaagccaag ggagcagtgc aatggatttc tcagtaaagg tagacataga gaaggaggtg      360
acctgcccc actgcctgga gctcctgaca gaacctctga gcctagattg tggccacagc      420
ttctgccaag cctgcatcac tgcaaagatc aaggagtcag tgatcatctc aagaggggaa      480
agcagctgtc ctgtgtgtca gaccagattc cagcctggga acctccgacc taatcggcat      540
ctggccaaca tagttgagag agtcaaagag gtcaagatga gccacagga ggggcagaag      600
agagatgtct gtgagcacca cggaaaaaaaa ctccagatct tctgtaagga ggatggaaaa      660
gtcatttgct gggtttgtga actgtctcag gaacaccaag gtcaccaaac attccgcata      720
aacgaggtgg tcaaggaatg tcaggaaaag ctgcaggtag ccctgcagag gctgataaag      780
gagaatcaag aggctgagaa gctggaagat gacatcagac aagagagaac cgcctggaag      840
aattatatcc agatcgagag acagaagatt ctgaaagggg tcaatgaaat gagagtcatc      900
ttggacaatg aggagcagag agagctgcaa aagctggagg aaggtgaggt gaatgtgctg      960
gataacctgg cagcagctac agaccagctg gtccagcaga ggcaggatgc cagcacgctc     1020
atctcagatc tccagcggag gttgagggga tcgtcagtag agatgctgca ggatgtgatt     1080
gacgtcatga aaaggagtga aagctggaca ttgaagaagc caaaatctgt ttccaagaaa     1140
ctaaagagtg tattccgagt accagatctg agtgggatgc tgcaagttct taaagagctg     1200
acagatgtcc agtactactg ggtggacgtg atgtgaaatc caggcagtg cacttcgaat     1260
gttgctattt ctgtggatca gagacaagtg aaaactgtac gcacctgcac atttaagaat     1320
tcaaattccat gtgatttttc tgcttttgtt gtcttcggct gccaatattt ctcttcgggg     1380
aaatattact gggaagtaga tgtgtctgga aagattgcct ggatcctggg cgtacacagt     1440
aaaataagta gtctgaataa aaggaagagc tctgggtttg cttttgatcc aagtgtaaat     1500
tattcaaaag tttactccag atatagacct caatatggct actgggttat aggattacag     1560
aatacatgtg aatataatgc ttttgaggac tcctcctctt ctgatcccaa ggttttgact     1620
ctctttatgg ctgtgcctcc ctgtcgtatt ggggttttcc tagactatga ggcaggcatt     1680
gtctcatttt tcaatgtcac aaaccacgga gcactcatct acaagtctct tggatgtcgc     1740
ttttctcgac ctgcttatcc gtatttcaat ccttggaact gcctagtccc catgactgtg     1800
tgccccaccg gctcctgagt gttctcattc ctttaccac ttctgcatag tagcccttgt     1860
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ccccttcttt tacttagaat gtctttgtat tcatttgcta gggcttccat agcaaagcat     1980
catagattgc tgatttaaac tgtaattgta ttgccgtact gtgggctgga aatcccaaat     2040
ctagattcca gcagagttgg ttctttctga ggtctgcaag gaagggtctt gttccatgcc     2100
tctctccttg gctttagaaa ggcactttgt ccctatgact cttcacattg tctttatgta     2160
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accgctaata ccttaatgaa atcattttaa cattatattc tctacaaaga ccttatttcc     2280
aaataagata atatttgag gtattgggaa taaaaactcc aacatataaa tttgagggaag     2340

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cctaatacct	tggtttcact	agtagtaaac	attattatff	tttttatatt	tgcaaaggaa	2460
acatatctaa	tccttcctat	agaaagaaca	gtattgctgt	aattcctfff	cttttcttcc	2520
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tatctagcaa	agtacataag	aatctatcac	taagtaatgt	atccttcaga	atgtgttggt	2640
ttaccagtga	caccccatat	tcatcacaaa	attaaagcaa	gaagtccata	gtaatttatt	2700
tgctaatagt	ggatttttaa	tgctcagagt	ttctgaggtc	aaattttatc	ttttcactta	2760
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aatgtaaggc	acttttctat	gaatttttaa	tataaaaata	aatattgttc	tgattattac	2940
tgaaaagatg	tcagccattt	caatgtcttg	ggaaacaatt	ttttgttttt	gttctgtttt	3000
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<210> 6110

<211> 6302

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(6303)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (113)...(3050)

<223> similar to gi3043658 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6110

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cgcgtggccg	tctcggcgcc	tgctgacctt	ccccgcgggc	gggatgtggc	gactacgtcg	180
ggcgcgtgtg	gcctgtgagg	tctgccagtc	tttagtgaaa	cacagctctg	gaataaaaagg	240
aagttttacca	ctacaaaaac	tacatctggt	ttcacgaagc	atttatcatt	cacatcatcc	300
taccttaaag	cttcaacgac	cccaattaag	gacatccttt	cagcagttct	cttctctgac	360
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gaatttttgg	ccagcaagat	tagctacgag	actcttaaaa	cttcgctatc	tcatactagg	480
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tgacatgtat	tctgaagttc	ttgatgttct	ctctgattat	gatgccagtt	ataatacgca	1020
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ggaaatgatt	gcccagctc	gaatattccc	aagaggatct	ggggagatga	tgacacgttc	1140
tccagttaag	gtgactctga	gtgaagggtc	tcaccatgtg	gccctattta	aagatagttc	1200

tcgggagttt	gatctttacca	aagaagaaga	tcttgacagca	ttaagacatg	aaatagaact	1260
tcgaatgagg	aaaaatgtga	aagaaggctg	taccgttagc	cctgagacca	tatccttaaa	1320
tgtaaaaggc	cctggactac	agaggatggt	gcttggtgac	ttaccagggtg	tgattaatac	1380
tgtgacatca	ggcatggctc	ctgacacaaa	ggaaactatt	ttcagtatca	gcaaagctta	1440
catgcaggat	cctaattgcc	tcatactgtg	tattcaagat	ggatctgtgg	atgctgaacg	1500
cagtattgtt	acagacttgg	tcagtcaaat	ggaccctcat	ggaaggagaa	ccatattcgt	1560
tttgaccaa	gtagacctgg	cagagaaaaa	tgtagccagt	ccaagcagga	ttcagcagat	1620
aattgaagga	aagctcttcc	caatgaaagc	tttaggttat	tttgctgttg	taacaggaaa	1680
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ccttgacagta	tcagactgct	tttgaaaaat	ggtacgagag	tctgttgaac	aacaggctga	1860
tagtttcaaa	gcaacacgtt	ttaaccttga	aactgaatgg	aagaataact	atcctcgctt	1920
gcgggaactt	gaccggaatg	aactatttga	aaaagctaaa	aatgaaatcc	ttgatgaagt	1980
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ttcaggaact	tttaacacca	cagtggatat	caagcttaaa	cagtggactg	ataaacaact	2160
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<211> 6309

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

<222> (74)...(5427)

<223> similar to gi5911999 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6111

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<211> 2852

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2704)...(870)

<223> similar to gi5817153 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 6113  
 <211> 3468  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (468)...(2775)  
 <223> similar to gil296666 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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ctgaggagcg ctggctgcgc ttaagcaacg gtgcggcagg cgccgggggt ttctgaaaca      180
gaaacgttta ggggtgggga aacgtgttcc gaggaactct cgttttgaag tgcgagatac      240
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<210> 6114

<211> 1082

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (784)...(123)

<223> similar to gi556642 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6114

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cattgttaat	tccataatcg	catttacaat	atcattactg	ttgttcttca	gggctcggac	180
tgcttttgct	ctcgacacat	ttgcttgtga	catgaccaat	tctatgtcct	taacttctac	240
acctgtttca	tcgacctctt	cctcttcact	ctcctcttgt	acagttggag	tctgtgtgtt	300
ttcttgaatg	tttgagacag	cttcaccttg	aactttgaat	ttctcagcag	ctgctagtth	360
tgcttgctgg	gataaatctt	cgatcttggc	ttccccaaaa	actatgtaag	tatctgaagc	420
agggctcttg	tagacatctg	gttttgtgat	gacaaagagg	atattcttag	atthccggat	480
agtgactcta	gtaactcctg	taacctgccg	aagaccaggt	ttggacatag	ccttccgtgc	540
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tt						1082

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<210> 6115
<211> 2949
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (51)...(2666)
<223> similar to gi458555 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6115
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aagggtgactt tctagctgaa ggaggaggcg tgcgtggccc aaggggtgtg gaaagacatc    180
aatctgcctg caaagattca gactggccct tctgctctga tgaagactgg aactacaaat    240
gcccttcttg ctgcaggatg aaagggttga ttgatgaagt caatcaagat tttacaaaaca    300
gaataaataa gctcaaaaat tcactatttg aatatcagaa gaacaataag gattctcatt    360
cgttgaccac taatataatg gaaattttga gaggcgattt ttctcagcc aataaccgtg    420
ataataccta caaccgagtg tcagaggatc tgagaagcag aattgaagtc ctgaagcgca    480
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agtgggcag						2949

<210> 6116

<211> 3156

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (383)...(1899)

<223> similar to gi36619 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6116

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<210> 6117

<211> 5470

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(5471)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (27)...(4394)

<223> similar to gi2230888 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6117

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<210> 6118

<211> 3773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3431)...(1563)

<223> similar to gi972940 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6118

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<210> 6119
<211> 802
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (113)...(700)
<223> similar to gi414347 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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tattctcagc aatcagactg tgcacattcc agaaaatgtc gacattactc tgaagggacg      180
cacagttatc gtgaagggcc ccagaggaac cctgcggagg gacttcaatc acatcaatgt      240
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tctctgaaaa aggaactgtt cagcaggctg atgaataagg tctaagagtt acctggctac      720
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<210> 6120
<211> 4241
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (351)...(1872)
<223> similar to gi30215 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gccttttctt ccaggggtgc tttgtaaaca cggctgtgct cagggctcgc ggggtgaccga      180
aaggatcatg aactagtgc ctggaaaggg tactagatgg aaacttgaga aaggactgct      240

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<210> 6121

<211> 3845

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (228)...(3148)

<223> similar to gi2125814 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6121

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gaaaa						3845

<210> 6122

<211> 2846

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2748)...(1342)

<223> similar to gi4680665 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6122

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acaataaagt	acagaataag	accttagtaa	taacattcag	aattttctta	aattgcatgt	540
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<210> 6123

<211> 1875

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1876)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (147)...(1248)

<223> similar to gi704441 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6123

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<210> 6124

<211> 1734

<212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (160)...(1624)

<223> similar to gi5916108 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6124

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cgccctcctt	gcagtctcct	ggaaccagca	ggaggaagca	tgggggatac	tggcctgaga	180
aagcggagag	aggatgagaa	gtcgatccag	agccaagagc	ctaagaccac	cagtctccaa	240
aaggagctgg	gcctcatcag	tggcatctcc	atcatcgtgg	gcaccatcat	tggctctggg	300
atcttcgttt	cccccaagtc	tgtgctcagc	aacacggaag	ctgtggggcc	ctgcctcatc	360
atatgggcgg	cttgcggggt	cctcgcgacg	ctgggtgccc	tgtgctttgc	ggagcttggc	420
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gagtaacaag	ctccgtctct	tgtagccaag	tcagctgaat	ttattttctt	aagcaatatt	1680
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<210> 6125

<211> 4344

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (47)...(2448)

<223> similar to gi3882273 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6125

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cgccgaggcc	acgcagaggt	tgctccgagcg	gaactgcatt	gagattgtta	ataaattgat	180
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agaactgtgt	aaaactttatg	atcttctctg	gaactttctg	acacaggcac	taactcagcg	540
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attggaataa	ctaagcattt	tatacaaaga	tttttctttg	accagtttg	catttgtaca	3240
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<210> 6126

<211> 2209

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2210)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (80)...(1131)

<223> similar to gi5102636 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6126

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tgggcctcc	caggacagca	aggaaaaaa	ggagccccag	ggatgccttg	gtttaatggg	180
aagcaatggc	tcaccaggcc	agcctggaac	accgggatct	aagggaagca	aaggtgaacc	240
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cccaggagaa	ccaggatata	tggttttacc	cgggattcaa	ggaaaaaagg	gggacaaagg	360
aatcaaggt	gaaaaaggta	ttcagggtca	aaaggagaa	aatggaagac	agggattcc	420
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tgggaagccc	ggaagagagt	tttcagaaca	atztatcgca	caagtttgca	cagatgtaat	660
aagagcccag	ctaccagtct	tacttcagag	tggaagaatt	agaaattgtg	atcattgcct	720

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aaataaagct	aatgctctag	ttgaaagaaa	aggaaaactc	cctgaaatcc	tagaatgtct	2040
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tttgtaagaa	acagaatttg	aaatattttc	tccttgtcat	gctcaaaatt	ttgttacatg	2160
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<210> 6127

<211> 2002

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (558)...(1439)

<223> similar to gil707567 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6127

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attaaaacat	cttgatttca	caaagccatt	cagaggaggc	ttcgacaaac	gcaaagcgta	180
cccaaaccct	ggagggtcac	atccgggtcg	ctacaaacct	cggcggggcg	gccccgtct	240
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ccgttcccca	tccccgcagc	gcgtctgcac	cggagactct	gcggggattg	tagccggagg	360
gcgggcccgg	ctccgaggcg	ctgctcaggc	attgggggtt	gtcctcatga	gtccacgctc	420
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<210> 6128

<211> 3060

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (111)...(2148)

<223> similar to gi3559910 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6128

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tgacagacaac	taagcgaggg	gacctctcat	agttaagaaa	catattttcta	cagtatgcc	180
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<210> 6129

<211> 2262

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (181)...(1499)

<223> similar to gi619491 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6129

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acgccagtaa	tcccagcact	tttgggaggc	caaggcgggc	ggatcacgaa	gtcagcagat	2220
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<210> 6130

<211> 2952

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (214)...(1112)

<223> similar to gi4455121 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6130

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agtcttcaat	tacaaaaaga	tgaggcaata	acaccattac	ctcccaagaa	agaaaatgat	480
gaaatgccca	cgtgtctgct	gtgtgtttgt	ttaagtggct	ctgtatactg	tgaagaagtt	540
gacattgatg	ctgtaccacc	cttaccaaag	gaatcagcct	atctttacgc	acgattcaac	600
aaaattaaaa	agctgactgg	ccaaagattt	tgcagacata	cctaacttaa	gaagactcga	660
ttttacagga	aatttgatag	aagatataga	agatggtagt	ttttcaaaac	tttctctggt	720
agaagaactt	tcacttgctg	aaaatcaact	actaaaactt	ccagttcttc	ctcccaagct	780
cactttattt	aatgcaaaat	acaacaaaat	caagagtagg	ggaatcaaag	caaatgcatt	840
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<210> 6131

<211> 1343



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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (27)...(686)
<223> similar to gi4680707 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6131
cggacgcgtg ggcgcggctg ctcaagatga accgactctt cgggaaagcg aaaccaagg      60
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acaagaagat ttctcgattg gatgctgagc tagtgaagta taaggatcag atcaagaaga      180
tgagagaggg tcctgcaaag aatatggtca agcagaaagc cttgcgagtt ttaaagcaaa      240
agaggatgta tgagcagcag cgggacaatc ttgcccaaca gtcattcaac atggaacaag      300
ccaattatac catccagtct ttgaaggaca ccaagaccac ggttgatgct atgaaactgg      360
gagtaaagga aatgaagaag gcatacaagc aagtgaagat cgaccagatt gaggatttac      420
aagaccagct agaggatatg atggaagatg caaatgaaat ccaagaagca ctgagtcgca      480
gttatggcac ccagaactg gatgaagatg atttagaagc agagttggat gcactagggtg      540
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ttccagaagg tgttcccact gatacaaaaa acaaggatgg agttctggtg gatgaatttg      660
gattgccaca gatccctgct tcatagattt gcatcattca agcatatctt gtaaaacaaa      720
cacatattat gggactagga aatattttatc ttccaaatt tgccataaca gatttagggt      780
tctttccttt ctttgaagga aagtttaatt acattgctct tttatttttt ccattaagag      840
actcattgct tgggaaatgc tttcttcgta ctaaaatttg attccttttt ttcttatgaa      900
aaacgaactc agtttaaaag tatttttagc tcgtatgact tgttttcatt cattaataat      960
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tactactgt atcatgagtg ggtattttga ttctatggtt ccctcagtat tacatcttga     1260
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ataaatatth ttcaaaaaaa aaa                                     1343

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<210> 6132
<211> 3730
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (237)...(1849)
<223> similar to gi4581470 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6132
tttttttttt ttagcaacac ttttcttggt tgtaaacgcg agtgaaccag aaagtgtgaa      60

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agtgggtcc	atttcgaaa	aggacgttct	aattcaaagc	tctctcccaa	tatatattaca	180
cgaatacgca	tttagaaa	gaggcagctt	ttgaggttgc	aatcctactg	agaaggatgg	240
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atgtaagggt	gttttggggg	atggagttag	aaccttaatg	ataatttctt	tcggttggtg	3660
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aatggaaatg						3730

<210> 6133  
 <211> 4082  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (237)...(1926)  
 <223> similar to gi3714340 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6133						
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cacgtttaac	aaaaagacga	caggcggtata	caaaagctat	ccagcatctt	tgggcagcca	180
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aagaaggata	ttggttgcca	ggagatgaga	ttgactggga	aacagaaaat	catgactggt	420
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gcccagtttg	caggagcatt	aagaagaaga	atacaaaca	acaggagatg	ggcacatacc	600
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<210> 6134

<211> 4700

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4171)...(1892)

<223> similar to gi3116015 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6134

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atgtgtcaga	tttgaaagtg	aaagttaaag	taatttacag	ttagctttta	accctctcgg	180
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cactggggga	aaactcaggc	tattgtattt	aacgggtaca	gtttcattta	tcaaagtgtt	300
tcccattaat	tccattatt	aggtggacag	ctaaccaagt	gaccccatca	aaatgaagtg	360
aatgacatta	gactgtggcc	agagtgaacc	acatctggga	ttggctttct	ataattcacc	420
cagtttgccg	ggaagtaaac	attctttgga	ttgtttcata	atatactgaa	gttacctata	480
acactggtgc	agtaacacag	ctagttcctc	tgtattggtt	atgggtaaga	acgggatttt	540
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<210> 6135

<211> 1926

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (264)...(1289)

<223> similar to gil628581 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6135

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aaaaaa						1926

<210> 6136

<211> 1620

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1204)...(236)

<223> similar to gi5360708 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6136

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<210> 6137

<211> 4224

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (162)...(3960)

<223> similar to gi3882335 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6137

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agactgtgcc	actctgctga	agaatattgg	ggccctgcct	gtggacatgg	tgcgtctata	600
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<210> 6138

<211> 1471

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (237)...(1287)

<223> similar to gi6017904 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gatagaaaca gctggccctt ccaggcagct aaaagcctcc agactaagag gtgttcccca 180
ttcggcagcc agactccttg aaataccctt tcagtaatca ttcaaccaac gcttccatgt 240
ctctactctg tcgtaacaaa ggctgtgggc agcactttga ccctaatacc aaccttctctg 300
attcctgttg ccatcacctt ggggtcccaa tcttccatga tgcacttaag gggtggctct 360
gctgccgaaa gcgaactgta gatttctctg agttcttaaa catcaagggc tgtactatgg 420
gaccacactg tgctgagaag cttcctgagg cccctcaacc tgaaggccct gctacaagca 480
gttcacttca ggagcaaaaa cctctgaatg tgattccaaa gtcagcagag accttgcgcc 540
gggagaggcc caagtccagag ttgcctctga agctgctgcc gctaaatata tcccaagccc 600
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cctcaatgat tcccttagaa tcttagatac caggatattg ttggccatgt ggcattcttg 1380
agcagcagga ggctgaagga ggggagaaca aaattgtcca aaccatgctg tttttttccc 1440
ttaaataaat cttgtattct tcagtttcaa a 1471

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<210> 6139

<211> 1535

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1052)...(515)

<223> similar to gi5701565 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 6139
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gttagtttta attttattct gcagacatta tgcagttcta taatataaaa tgaatacaat 180
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catgaaagat ggtgttaaag cagaaatatt gtcattgatt agtcaatggg agaacataaaa 300
atatgctgta tttcataatt tttccgtaag aaaatgtcta gtttgtttta atgcaacaaa 360
tactgtatta gattcacttt ataagccata cactccttct tgtcttttct ttgaacacat 420

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acctgcttgc	ttgattatct	taatcatctt	gggatcgatt	atcttcaatg	ataatagttc	540
ttctaggata	agattcaatt	tctacaaata	tatatcgaaa	atcatattca	ccacttcctg	600
ggttctcttt	cacttgcgca	tacaccgttc	cttgcttccc	tggctcagag	ccctcaatgt	660
agaatttcac	acacgtgtgt	ttcagcccat	cttttacata	ttcagtgaac	ctgacatgct	720
gccggcgacc	ccgccttgtc	acctcccat	agcctttaac	agactcacca	aagacaccga	780
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cttctgtctt	ctttccattt	taattaacag	gctctgatca	ccttctgggc	tgacattcac	1500
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<210> 6140

<211> 1132

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(640)

<223> similar to gi4929671 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6140

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ccttttcagt	tgtacttcaa	tccctgaatta	atctttaaac	actttcaaata	atggagatta	180
atcaccaact	tcttattttt	tgggccagtt	ggatttcaatt	ttttatttaa	catgattttt	240
ctatatcggt	actgtcgaat	gctagaagaa	ggctctttcc	gaggtcggac	agcagacttt	300
gtattttatgt	tccttttttg	tggattctta	atgacccttt	ttggtctggt	tgtgagctta	360
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gttggaacaca	tatatTTTTT	cttgggaagat	gtattttccca	atcaacctgg	tgggaataaga	600
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1132

<210> 6141

<211> 7008

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1423)...(4713)

<223> similar to gi3043630 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6141

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<210> 6142

<211> 2448

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (44)...(1743)

<223> similar to gi5852834 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6142

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<210> 6143

<211> 2495

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2121)...(106)

<223> similar to gi6002955 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6143

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<210> 6144

<211> 3499

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3140)...(1083)

<223> similar to gi4583652 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6144

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<210> 6145  
 <211> 4286  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (623)...(2150)  
 <223> similar to gi4240187 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 6146

<211> 3912

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (449)...(1762)

<223> similar to gi434777 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6146

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 <211> 3071  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2884)...(502)  
 <223> similar to gi36065 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 6148

<211> 3691

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (155)...(2008)

<223> similar to gi840789 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6148

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<210> 6149  
 <211> 4511  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

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<222> (1)...(4512)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4249)...(2200)
<223> similar to gil922313 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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ttccctctac ccctatgaac tgctgagttt tagttccttt tctggccttc agttttcact      180
atctgtaaag ctgaaggact gtattatatt acctccagta tcttttctgg tactaatttt      240
taaaatacct gatcagaatg aagccatcat agtgtaaggc agcatatttg tctataagga      300
gactttccaa agacagtacc catccaatgc aaataataaa tttgaagcta atcatctgtt      360
gtgctttaa atgagcaaat tcacatgtct ttattgccct ttgaaagttg gttaatctca      420
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cctttccaaa acaaaggtga ctgaagtaaa ttatctctaa aacttattcc atagacttca      600
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tttcacaatt gtattaggat ctttcacaa tactctctgg gtttaatgaa cagtaaagaa      720
tctggctcat gtgacctct attcatagct cccctttggc tcctgtgaag gagctgatat      780
ttccctggag taaataaaatc aaaacaagat atccttggga gatttttagc tgtaaatcta      840
ctcctggacc ccactcctgg aactgagggg aaactcctag agagatatac aaatctttga      900
acaaaatatt tacatgaaaa gtggccagtt ttcttccctg gagtagcaat ctgtaaaaat      960
aagtgtctgt gtttaaaaag tagcatgcc tacaccatac caatgtatta gtgagaattt     1020
ggcgattctc accaaacaac aatgaagttt cacatttggt actggatgga gcttgggtta     1080
gatctgcctt ttaaggcaaa gtcaactctt tcaacttaat tctttttcaa gggagtaatg     1140
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gatttcttta catataagat ggaatgggtcc agcagctata tccactgtca cagactttag     1560
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tgtgtctcta agtcatcaaa tctggtttgg tggatggtgc attattggac gaacatcacc     2640

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<210> 6150

<211> 1510

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1467)...(267)

<223> similar to gi5052353 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6150

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caatgggttg	ggcacctcaa	aagacaaagg	tctgaagcga	gttccctttt	gagggcctcc	1440
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<210> 6151

<211> 2591

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (78)...(1172)

<223> similar to gi619884 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6151

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<210> 6152

<211> 1076

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1006)...(26)

<223> similar to gi4929593 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6152

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gcatgagggg	ctgctatccc	tttatgagag	ggagacaagg	tctgaagttt	gtttcccaaa	360
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<210> 6153

<211> 4871

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (92)...(2950)

<223> similar to gi755748 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6153

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<210> 6154
<211> 3092
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (558)...(2945)
<223> similar to gi4589476 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 6155

<211> 2252

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (49)...(2005)

<223> similar to gil87572 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 6156

<211> 1604

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (41)...(1091)

<223> similar to gi897909 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6156

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gcagtgttgg	tcagatgtca	tgtttgaaca	cttctctctg	cacagagagg	ggatgtttta	240
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<210> 6157

<211> 4471

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4451)...(1233)

<223> similar to gi4240201 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6157

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cacgcaggca	ttgaacattc	tcattaacat	gataatacaa	tttgctggta	aacattttaa	180
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ataccaatag	gctgtggcca	ataaataatg	tcaccaatc	ctcatccacc	tattaactgg	360
cccacaagaa	gccctaacat	tccattttta	attatggata	tggaaatggc	tctattgggg	420
tagtttcaac	atatacctta	atgtttgggt	gtttaacctt	gaatacaccg	aaaaaaaaaa	480
gtactaaact	ggactaaaga	aggtgtgttt	ggttaactac	aaatatgtca	tgttcacata	540
gtacattcct	aacatgaagg	caaataattt	aatagaaaaa	ctagcagtc	aaaaaatgtg	600
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<210> 6158

<211> 2078

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (52)...(1958)

<223> similar to gil617312 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 6158
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ggtgcagtaa tttttttctt tataatagtt ttggttttaa tgcaaagaga agtaagtgtt      180
caatattcca aagaggaatc aaggatggaa aggaacatga aaaacaaaaa caagatgttg      240
gatttaatgc tagaagctgt aaacaatatt aaggatgcca tgccaaaaat gcaaatagga      300
gcacctgtca ggcaaaacat tgatgctggt gagagacctt gtttgcaagg atattataca      360
gcagcagaat tgaagcctgt ccttgaccgt ccacctcagg attcaaatgc acctggtgct      420
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<210> 6159

<211> 1835

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1474)...(1322)

<223> similar to gi496724 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 6159
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gtgagagaaa actagcacgc agtattttct aatcctagtt ttgagactat tacacactta      180
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<210> 6160

<211> 2025

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (202)...(1350)

<223> similar to gi5360269 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 6160
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cagctcaccg actgccagca gaggatctgc tccgtcaccg aggctggagt gcagtgggtg      120
gatcacagct cactgcagcc tcaaactcct gggctcaacc agtcctctca cctcagcctc      180
ctgagtagcc gggattacag aatgctgtcc agtttcaacg agtgggtttg gcaggacagg      240

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cttgcccttg	agagattcat	tggcctgccc	ctgagccggt	ggctgggtgt	gagggatcag	420
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aggcccaagg	agccccagct	gtctctcctg	gccgccaggt	gtggcctcac	gctgcagcag	540
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cccaggctga	aaaggtcca	attaaaacaa	atggagccaa	attttctgcc	tgagaacttg	1800
ggctccctatc	aaagtctctt	cttcatcccc	agagaccccc	gagggagcca	ggcctctgct	1860
tacatacccc	acctacggga	tacccactgc	acttcagcct	gggcaacaag	agcaagactc	1920
catctaaagg	aaaaagaaaa	agaaaaaaaa	aattcccaaa	aagaaatggc	caataagcac	1980
atgaaaagat	attcaacatt	gttagtcata	aaaataatgc	aatc		2025

<210> 6161

<211> 2088

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1758)...(931)

<223> similar to gi4884142 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6161

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ttggcatctg	tttatctcca	ccaatccctt	tgtaatacaa	cacgttgtgg	atgtgcaaat	180
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ccattggggga	ttctacttcc	tcaacagagc	ctcagggcat	ctgatttatt	ataaagtact	360
ctgagtcata	atgacttaat	tgtgactttt	atttaactag	catgttcagt	taactagaat	420

gcacctgtac	atgaatttta	aaatgtcata	ctgtgctatt	tttcttaatt	ctgtaagggg	480
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ggtctaacca	tttaacctct	ccaggcctgt	tttctcatta	gcagtctgag	gacttttagac	1980
caaagaagga	attcttgtat	aacattgtat	tactctatgg	ctgtatcatg	aaaggaaaat	2040
atcccctagt	tagtaagatg	catgacagtt	aacttattaa	gtcattga		2088

<210> 6162

<211> 1008

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (21)...(328)

<223> similar to gi5070698 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6162

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aatacttctt	tacctcaaga	atattttctc	tttcagaaga	tgcagtggca	tgtgtataat	480
ccagtgcctg	agcttcctta	ctatgaaatg	acagctccac	ttcctaatag	tgcacccgtg	540

tcttcctcac	tgaatcatgt	tccagatctt	gaggctggac	ccagctcata	taaatggact	600
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tccgtgtctt	cctcactgaa	tcatgttcca	gatcttgagg	ctggaccag	ctcatataaa	720
tggactcacc	aacaaccaag	tgactctgac	ctttatcaga	tgaataaacg	aaagagacaa	780
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aagttccgaa	agtctaagaa	gaagaaaaga	tactagtatt	acctacaaat	gaaacttacc	900
tacactgatc	ttagttctct	tatgaaaaaa	ataagatggt	atcccatcaa	ataaacaatg	960
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<210> 6163

<211> 2134

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2012)...(1166)

<223> similar to gi5410284 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6163

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gccacaaaaga	aagagcctaa	gattcggagc	ctttctaggc	attagtttct	agctagaact	180
gaacaacatt	ttttgtgttc	atcttactta	ttttgtgggt	accttttatt	tatggcaaac	240
tgatactgggt	tttccacttg	gagcaggatt	cattttttta	aaaaaacttt	aaaattttaa	300
agataaaatat	taagaaaata	atacaagtag	tactaaagag	actgaagttt	gggaaacaac	360
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taaaaagaac	caatttcaca	ccatcttggg	actttataaa	ctcgtagtac	cataaatgtg	600
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<210> 6164  
 <211> 4393  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (271)...(3214)  
 <223> similar to gi4240285 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6164

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gagaaaaaaa	aaa					4393

<210> 6165  
 <211> 3469  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (56)...(1359)

<223> similar to gil82401 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6165

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<210> 6166

<211> 4206

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3783)...(1144)

<223> similar to gi5911907 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6166

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acgcctcact	cacacacacg	ctcacacaca	cgcctcactc	acacacatgc	tcacacacat	180
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<210> 6167

<211> 4968

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (227)...(3666)

<223> similar to gi34276 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6167

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agtttgtaca	gacgtatgct	tattttaaaa	ttttatctct	tattcagtaa	aaaacaactt	3900
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agagaaagag	agagaattct	ttcaagtga	tctaaaagct	tttgcttttc	ctttgttttt	4020
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aaaatcataa	actgtgtgca	gactcaataa	aatcatgtac	atctctgaaa	tgacctcaag	4140
atgtcctcct	tgttctactc	atatatatct	atcttatata	gtttactatt	ttacttctag	4200
agatagtaca	taaagggtgg	atgtgtgtgt	atgctactac	aaaaaagttg	ttacttaaat	4260
taacattggg	aaatcttata	ttccatatat	tagcatttag	tccaatgtct	ttttaagctt	4320
atttaattaa	aaaatttcca	gtgagcttat	catgctgtct	ttacatgggg	ttttcaattt	4380
tgcatgctcg	attattccct	gtacaatatt	taaaatttat	tgcttgatac	ttttgacaac	4440
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gtattaatat	tcattgtata	aaaatagaag	aatacaaaaca	tatttgttaa	atatttacat	4560
atgaaattta	atatagctat	ttttatggaa	tttttcattg	atatgaaaaa	tatgatattg	4620
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caaccattat	ttttttcttg	tttataatac	attgtgttat	atgttcaaat	atgaaatgtg	4800
tatgcaccta	ttgaaatatg	tttaatgcat	ttattaacat	ttgcaggaca	cttttacagg	4860
ccccaattat	ccaatagtct	aataattgtt	taagatctag	aaaaaaaaaa	tcaagaatag	4920
tggtattttt	catgaagtaa	taaaaactcg	ttttggtgaa	aaaaaaaa		4968

<210> 6168

<211> 2150

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (515)...(0)

<223> similar to gi527580 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6168

gggggcccc	aaaaaaaaat	tatttttttc	catccccggg	gaggtaaagt	tgatccttta	60
gaacggccgc	cccttttttt	tttttttatt	aacacattca	ctaagatcta	atttgtcttt	120
ttctgactta	tgctcatggt	ttatcttctt	ttctttttca	aaggtttttc	tttccatctt	180
ctcaatgtcc	ttttctttta	tttgagatcg	cttctcaggt	ttttctttac	tttcccttat	240
atgcttttct	tgttttttca	tgtctatttc	cttttccact	aaatgaagcc	ctatagattc	300
ctcaatggca	ctcataccca	aagaagtaaa	ttctgagctc	ttatctgtgg	gtatgttttc	360

tctctcttct	tttagatctt	ttattttttc	ctccctaata	gatttctcgc	tttccttttt	420
aatcttgtct	cgttcctctt	taaagttcct	ctcttttgac	acatgctttt	ccttggttga	480
tttatcatct	ttgatgtttt	tttccaattt	aaaaaagctt	ttcagacccg	aaggccattt	540
aatacagtaa	atcttacttg	ggtagtttag	caaacatttt	ttaaaaccca	catccaacag	600
attggttagt	attagatata	cagatttggt	ttcaaaagctg	aaatacccct	ggtggaataa	660
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cttaaataat	aactcagtgg	ggctacctgg	gtgatataaa	taggggaaaa	aaccagtggg	780
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cactccccat	tgggccc aaa	ccatccccca	aggaatacac	ccccaccca	ccccacatg	960
aggtttacta	accagctgct	acagatgtta	ctatgtcact	aattaacaat	gatcacagaa	1020
aatgtgtcat	accagagttt	ttgttatcat	acacaatgca	ttagtggctg	caggaaatctt	1080
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tgagttgtac	ccctctctca	cacatgtcaa	atatgaagag	gcagaaggag	ccaacggcaa	1860
tgggtccgac	ttgcttccaa	tacctgcga	tgtggttccg	ctcgtgctga	tccatcatgt	1920
gctcgccaca	gaagatgata	cagaaggaca	gaagcatcgc	atagaagatg	ccctgtcgga	1980
tgtcacccaa	cagcagcatc	caggtccagt	caaaccgat	ggaaaaccat	tccactggga	2040
tattgataaa	ggtcatggaa	atcccaaggg	caaagatgac	tttttccaga	agcactgggg	2100
gtcgggacat	catggtgatc	ctcctccaat	accacaccat	aatgatgaag		2150

<210> 6169

<211> 1384

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1248)...(630)

<223> similar to gi2338292 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6169

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ttccgaagg	tttttattta	ggggaacagc	tcaactccag	ctccctgggt	gcaatgcgag	120
cctgcccgc	ccgagcgcgc	ttgcaaatat	gccccccg	ctttccctgg	gttacgaagt	180
gcccctgtac	cgcacgggga	gtgcacgaag	acacgcgtgt	gcacaggcgg	ggctctgcgt	240
gtgcgtaccc	tgtgggcact	ggagggggct	gtcaggtcat	atctgcccat	acacaagatg	300
ggcacagccg	gggctggggc	ttcctgggg	ccgaatttcc	ccgcggcgct	tgctaccac	360
gggggcggaa	ctgaccagt	ccctcacggt	caggagagt	tgggggcccc	tgaggggcca	420

ggacacggga	acacgttgcc	gaaaacatgt	gtatatccat	acgcggcgga	aacgcgtgtg	480
ccagggcagg	cctcgggccc	gatgaccct	actcccacca	ttcccactc	caagtccagc	540
ttcggcgtct	atgaggccta	gcggcttccg	gaatccggta	tgaatcaggg	gcacggttcg	600
gagagccggg	tctcgaaagc	agctcttcag	tgaggcctcc	tgaggctggg	gtaggggggt	660
ggaggtgcgt	cgtgtacccc	agaggctgcc	agcgcctgct	cataggtggg	gaggcctggg	720
gggtgggattg	ggactggagg	caggggcgtc	gggtgggcca	gagggttcaa	aggactcaga	780
gggctaata	gcccggcctc	ttggggaaca	gggctgctgg	cctcggtcgt	gtcgccagcg	840
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ggttaatgcc	atatatagca	gcagcagaga	gggggtggccc	ctcatatttt	ccagacacct	1260
gcccagaaat	gtgagcactg	ccccttcctc	tttaatcgag	aactccttgg	ccagctacag	1320
ccaggtttcc	ggagagagaa	agagaagaga	ggacttgagc	aagccaggcg	aggcacttcc	1380
gcaa						1384

<210> 6170

<211> 2142

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (275)...(1688)

<223> similar to gil653342 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6170

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atcccgtcta	ccaggctcca	agcggcgttg	cccgcgggtc	atggccaaag	gagaaggcgc	180
cgagagcgcc	tccgcggcgg	ggctgctacc	caccagcctc	ctccaaagca	ctgaacgccc	240
ggcccagggt	aagaaaagaa	cgaaaaagaa	gaaacaacag	ttgtctgttt	gcaacaagct	300
ttgctatgca	cttgggggag	ccccctacca	ggtagcgggc	tgtgccttgg	gtttcttctc	360
tcagatctac	ctattggatg	tggtcagggt	gggccccttt	tctgcctcca	tcatacctgt	420
tgtggggccga	gcctgggatg	ccatcacaga	ccccctgggt	ggcctctgca	tcagcaaata	480
cccctggacc	tgcttgggtc	gccttatgcc	ctggatcctc	ttctccacgc	ccctggccgt	540
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cctgcttttc	tattgcctct	ttgaaacaat	ggtagcgtgt	ttccatgttc	cctactcggc	660
tctcaccatg	ttcatcagca	ccgagcagac	tgagcgggat	tctgccaccg	cctatcggtg	720
gactgtggaa	gtgctgggca	cagtgtctgg	cacggcgatc	cagggacaaa	tcgtgggcca	780
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ggtcattgtc	tgtatctata	taatctgtgc	tgtcatcctg	atcctggggc	tgcgggagca	960
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ggcatgagc	cacggcccat	acatcaaact	tattactggc	ttcctcttca	cctccttggc	1080
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gcctaattaa	taacttaatg	actgtgtaca	tagcaatgtg	tgtgtatgta	tatgtctgtg	2100
agctattaat	gttattaatt	ttcataaaag	ctggaaagca	aa		2142

<210> 6171

<211> 1509

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1510)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1417)...(181)

<223> similar to gi4680667 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6171

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caccgggcc	tgatggcatc	ccgtgcggc	caggtgtect	ctcagccgag	gtccttgtca	180
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tgctgcagcc	tgtggcctgc	aggatagtgc	cggacacaga	cgccatttgg	ggctatgctg	420
ccactcagcg	tcttggtgcc	tgccacgtag	gccgtcagac	cgccacttc	cacttccctgc	480
tgtcccagcg	tgtgcccggc	gttgcccagg	cccaaggcag	ggatggcatc	ggtgaccagc	540
accagcccct	gggggatggg	cacggtgggg	cgatccgcag	ggcggcgggg	ttggtgtgcg	600
tgccatctgc	aatcatccca	tagaagatgc	agcggcctgc	gggcagccgg	tcgctgggtca	660
ggagccccac	gatgcctggg	tcgcgggtgt	ggaaaggcag	catggcggtg	aagaggtggg	720
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ccaactctgg	ggccagcgtc	acgatcgga	cattgtccag	gggcccgtag	gtggccagca	900
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caccactctt	cacagggatc	tgaggaacaa	cctcaccttg	tgataaacct	ccggtgggga	1080
agtgaccagg	gtggggcaga	aggaggtgac	gccgtgcgac	aggatcctcc	gggccacgag	1140
ggcaaccccc	gaacccacgt	cctccgtggc	ttgagagaag	tcaacaccaa	atccaccgtt	1200
gatctgcacg	tcgatgaatc	cgggagccaa	gatgcggccc	ccgcagtccc	gccgctcgtc	1260
ggccacgcgc	cgctcctcaa	agaacagctt	ctctgggtcc	aagatgcggc	ctccgcgcac	1320
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cacgcggggc	cccgcgcgcg	cctgctcgcc	gcgcctcggt	agccgtgtcg	ggagcgagcg	1440
gctccggagc	cccgcggcgg	ccaaattccc	cgcccagtga	cgaaccccag	ccgagagcgg	1500
agccgcgcc						1509

<210> 6172

<211> 3050

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1266)...(2364)

<223> similar to gi3413906 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6172

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actgggagac	catccctgag	gaggatctgg	aggtccaaga	gaacaatgag	gatgctgctc	180
atgatttaac	ggaactggag	gtaacgatgc	accatgctct	cttacaggaa	gtggacggtt	240
tggtagcacc	atgccaaggc	ctccggccca	cagtggatgt	tctgggtgac	ttggtgaatg	300
atttcttgcc	tgtgataacc	tatgcactcc	acaaagatga	actctctgag	agggatgagc	360
aagagcttca	ggaaatccga	aagtatttct	cctttcctgt	attctttttc	aaagtgccga	420
aactgggctc	ggagataata	gactcctcaa	ccaggagaat	ggagagcgaa	agatcaccgc	480
tttatcgcca	gctaattgac	ctgggctatc	tgagcagcag	tcactggaac	tgtggggctc	540
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acctggtgca	ctgccactgc	cttgacatct	ttattaacca	ggcatttgac	atgcagcggg	720
acctgcagat	cactcccaa	cgtctggaat	atactcgaaa	aaaggagaat	gagttgtatg	780
aatcattgat	gaatattgcc	aaccgaaagc	aggaggaaat	gaaggatatg	attgttgaga	840
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agaagtctca	ggatgtctca	gttcacatca	ccagtaatta	tctcaaacag	atcttaaatg	1140
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caggctctgt	caagctccct	gaggcatttg	agaggtgtgc	tagcaaagac	catctctgga	2160
acaatgtgcg	gaggggggct	cgcccagaac	gtcttcctgt	gtttgatgag	gagtgtctggc	2220
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<210> 6173

<211> 4927

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (22)...(2520)

<223> similar to gi1834495 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6173

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c t a g a c c a g t	c c t g t t t g c c	t c a t g a t a t c	a g g t g g g a g c	t g a a t g c c a t	g a c c a c c a a c	4320
a g c a a t a t c a	g t c g c c c c a t	c g t c t c c t c c	c a t g g g t a g g	a g g a a g t t t c	t g c c a c c t c c	4380
c c t c c t g a g c	c t g c t g t c a t	c t t c a c t g c c	c c t g c c c a t c	t g t c a c c c a c	c t g c t c c t t t	4440
g a c c c c t g g a	c t t g g t a t a c	c t c c a t g t g g	a g t t g t t g g g	c g a g a g g t g t	t c t c t g t g c t	4500
g t g a a t t c a g	t g g g g a g c t g	t a g c g g g g t g	g g g g c t a g g t	t c c t c c c c c c	t t g g g c c g a g	4560
g g c c c c t t c c	c c t t g g t g c t	c t g t c c c c a t	c c a c c t c c t t	t c a g c t g c t c	c t g g g c c t c a	4620
g c t c t g c c c a	g g g c c a g c c a	g g t t c t g c t g	g g a a g g g a a g	g g a a t g g g g a	g a a g g g a g a a	4680
g c a a g c a g t g	t c t g a g c c t c	a g g a g c t t c c	c c c t c c c c c t	t t g c c t a t c c	c c t c c c c t c t	4740
g c t t g a g c c t	t g a g c c t t g a	c t g g g a g c t g	a a a g g a g t t g	c a g c t g t t g g	c a t g a g a c c t	4800
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t c g c t g t a c t	c t g a a g t t c a	g c c a g c t c a g	a t t t t a t a a a	a a t t a a t t a a	a a t c t c c a a a	4920
a a a a a a a						4927

<210> 6174

<211> 1765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1649)...(244)

<223> similar to gi5817247 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6174

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g t t a a a a t g g	t t a c a t g g g t	a a t t t a a g a a	a a a a t t t a g t	g g g a a a a a g g	g a a a g g g g c t g	120
a a c t g c c a a a	a t a a t t t t c t	t a t c c a g t t t	t a c a t t t g c t	t t c t c c a t g t	g c t a c a a t t a	180
t a g a c a c c t g	a t a g t t c c t a	g c c t t a g a c a	t a a c t t g c a g	c a t c a g c c a c	t c t g c t g c a c	240
t t t a g a t c a c	a t t a g t t a g g	g c t a g a g c c c	a g c c c c a t t t	a c a c g g c a t c	t g a t g a a t g g	300
t t a g c t g t g g	c a g t t c t a c c	a t a a t g c c a t	t t t g c t c c a a	a g a a a t c c a g	t t a a g t g g c t	360
g t c c a t g g c c	c a g t a g t t t c	a c c t c t g t t g	c c c c c a g a a t	a g c t t t g g g a	t g g c c a a g g a	420
a c a g c t g t c c	t g a t g t g g g c	c a t t t a a g a a	a a a t g g c a t a	g a c t a a t t t t	t c t t t a g g c t	480
t g g a t g t g t a	c c a c a c a t c t	g g g g t g a c a g	t g t c a t t c t g	g g a t c g c c a g	g t a t g g g t t t	540
c a t a a a t a g c	t t c t c c a t t g	a c t t t t a g c c	a g g a c c c c a t	t t g c c t c a g t	c g t c c t c a a	600
a a a c t a c a g a	a a t g g t g c c a	t c t a g t g t g g	g c c c a a t a t t	c a t c a a a a g a	t t t c c t c c a c	660
a t g a a a c t g t	c t c t a c a a g t	t g c t t c a c c a	a t t c t t c a a t	t g t a a g a t a g	t c a g a g a t t c	720
c a g c t t c c c t	c c t a t a g c c c	c a g g a c a g t t	t g t c t a t t g t	c a t g c a g t t t	t c c c a t t t a t	780
g t g g c a a a a g	a t g t c c t g g g	t t a t a a c g a t	c a c t g c a g g t	a t a g a a g c c a	c c a t g c t t a c	840
a g a t g c t a c c	a g c t c c c c a a	c g a t c a t t g g	t g a c t a c t g t	g c c c c g a a c t	g g g c t t t c a t	900
t a t a t a a c c c	a g g c c a a g a a	g c c t g t g c t g	t t c c a g t a t t	g a t c c g g t g c	t c c t c c g t c a	960
c c a t c c g a c c	a c a g a a c c t c	a g g c t g a t a g	t t g t t c a c t a	a c t c a t a g a g	c t c t g g c a a t	1020
g t c t t a g a a a	c t g g a a a t t g	c c g c t t a t g g	a a t g a a c t g g	a t t c a t c c t c	a a g g a a g a g c	1080
g g a t g a a a c c	a t t c a a a a a g	g g a a t a g t a c	a g t c c a a a a c	g c a g g t c a g t	t c t g t t c c t a	1140
a t g g c t a c c t	c a a g t t c c t t	g a c a a t g t c c	c t c t t g g g c c	c c t c a t c t a t	g g c a t t c c a g	1200
t t c c a c g a a t	a t t c t g a c c c	c c c a c a a g g t	a a a g c c t t c a	t g a t g t t t g g	a a g t t a a g a c	1260
a a t g t a t t t g	g c a c c a g a g g	c c t g a a a a a t	a t c t g c c c a a	c t g g t t g g c a	t t a a a a a a t t	1320
t t g c t g t a a a	t a g t g g t c c a	a a a t c t t c a t	a t t t g a a a c t	a g g a g g g t a a	t t a t c t t t c a	1380
t a a a t t c c a c	a t a c t t c g g t	a t c t t t t c c t	t t t g c c a a t a	c c a c c a g a a c	c a c t c g c t a c	1440

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<210> 6175

<211> 4000

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (184)...(2337)

<223> similar to gi5689742 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6175

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aatcccagct	actctggggg	ccaaggcagg	agaattgctt	gagcctggga	gatggagggtt	3180
gcagtgaact	gagatcatgc	cactgcactc	cagcctgggc	aacagagcaa	gactctgcct	3240
caaaaaaaaa	ttaaaataaa	tttaaatata	aaaaaaaaata	gccaggtgtg	gggtgcatgc	3300
ctggaatccc	agctacttga	gaggctgagg	cacgagaatt	gcttgaaccc	aggagggtgga	3360
ggttgcatga	agccaagatc	acaggagcca	ctgcactcca	gcctgggtga	cagagtgaga	3420
ctctgtctca	aaaaaaaaatt	aaataaatta	ttataacctt	tcagaaatgc	tgggggcatt	3480
ttcatgttct	tttttttagc	attactgtca	ctctccctaa	tgaaatgtac	ttcaaagaag	3540
cagtatfff	ttaaataaat	acataacctc	attctgaata	atgtccctca	ttttgactat	3600
aactgtgctt	ggtttcaaaa	gcaaaattaa	acaaaaatct	cagtcccttc	cgaagtgaac	3660
tttgtgttac	cctgcgtcag	aaatgccaa	ttgtgtttac	ttttcattca	gattttgtga	3720
atatgaacat	gctgttatag	gatctacaga	tgaatatffa	actcaataga	aaaattatff	3780
tagaacacat	tgtattggta	ttacaaccag	attatattct	tgacgttgac	ttcattaaaa	3840
ttatctacaa	tttcctaata	atttaagctg	tatatggtct	tcattgaaaa	aagatagata	3900
ttgttacagg	aagcttggtt	catttatatt	ttgacctttt	ggttgataat	cttaaatctt	3960
aatgtaatff	caaactggca	gaaatgttgc	cagcataata			4000

<210> 6176  
 <211> 2218  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2219)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (2174)...(432)  
 <223> similar to gi6013001 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 6176
tttttttttt ttccacggaa acagccgttt ttattccaca aacagtaaac tccatccact    60
acacagtgtg atacactgtg tagcacaccc catcaccttg gccagtgtg ccagccgacc    120
tttctgtggt gatggaaatc tttttctgtg ctgtccaata cagcagccac cgaccacttt    180
tgcttattga gcacctcaat atagaggtgg ccactacagg tgaggaaatg aatttctaag    240
ttaattcaaa ttcaaatgcc acatttggct cgtggctcct gtactggaca acacagctgt    300
aggccctgac ctggtccagg gcactttggt tcaaaagcca actctgagga gagcaagtgg    360
cagaaacagc ccttgggctc ccctccccag agagaaacgg cagctgcagc tgctggaaag    420
ggcaagaatc agagtggggg gacacctcgg gcgcgcggga taaggttggc cagccgcttg    480
gccaggccac ctgtgcgggg ctccctcgat tggaaggttc gggtgaggag attgtagaag    540
gagccgtagc acacggccac cacagtgcac gtgaggcaga tcacgttgta gggcatgctg    600
aagtccggtg tcggcaggtt caccagcagc ggctccgtgt agagccgcac aaagtagtta    660
gagccatcag agactgggaa caggctgttg aagaggggac tctcttccca gtccactggc    720
ttggctgcta ccattgctggg cacaagggcg ctgaggacag atgggctgac atagaagcca    780
tggttaggat ctggcgtgta ctcggtccac ttcagcagcg cccgctcaaa ctggatggaa    840
accttgggtga ctgagttggc cggcagctga atcagcatct ccaggaggtg gggttgcagc    900
cggctcctggg caggctggta gtggatgtaa tctggtttgt tctccttgcc cttggaggtg    960
atgggtgagg tgtgcacata cagccgcaga taccagggtg cgggtgtccag cagcagcacc   1020
gggaaggccc ggtatgggtg ggtgttgtac agcagtgtgc tcagctcccc cttctgcagc   1080
ccatagccac tcacgtaccg ctgggcatgc aggaagggca ctgggggggg ctcattctct   1140
gggggtctct tccacttgag ctggatgttg aggtttcgag agttgttgat catggcgggt   1200
tcaagcaagt catagatggc ataggtcttc cgagtgccta ggatgacgtc ctgatatgta   1260
gtggtcgggg gtgggtgcac ctctaattgt tcgttgtcct ggggacacaa aggcagggct   1320
ggttgtaggt ggtgatgtcc acatagactc ggctctctga agccaggggg cagggtccg   1380
tgagggttcg ggagaacatc cggaagaggg accagtcttt ctttccctgc cccgtgatga   1440
aggcatcaaa tacaactgac agggctctgc tcagctccca ggagatgcta gtacagcgtg   1500
catttctgca aacagggcgg atatgcaact cctgggagtg gtagctggtg tggacaagc   1560
gatctgcctt cagcagcaca gagaggcctg ccttggaaact acagggcaag agcttcttcc   1620
agggggtgag gttttcgggt cagaccacct cccgcggcag cacagcatag cgcagaaagt   1680
agtgttcagt gtcattggcc agaccagggg gtttgaagga ggcagtggga gtgactgtgt   1740
tggtggagtc gatgaagttg agagaggcgc agaagatccc tgagaggaca ttactgagct   1800
ccttccaaga tttatccaca tcagtgcagc tgtcttgga ccagaccac agctctgcac   1860
ctgatggggc ctgcaggaag ggtggcccc cgtatcgggt cctccaaaag ccttgtgtga   1920
atgacaggtg cagctcccgt agagaatact tggagatcag ctgccccagg gctttgggaa   1980
agagcctgta atgggacact ccttcccgtc gaagctccga atcccagcgc gtgcggaact   2040
ggaatgtggc ggtacgtcc ccggaaggca gcggggtgat gacaagttcc tcccgcaggc   2100
tgtcgcgtgg gggttctgca aggcaccagc gcggggccc caggagcaac aggacgagca   2160
gagcaagcgg catagccgcc cccatgcccc nacgcgtggg cggacgcgtg ggtcgacc   2218

```

<210> 6177

<211> 2199

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2179)...(1220)

<223> similar to gi5917714 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



```

<400> 6177
tttttttttt ttttcattaa ttaatatatt ttctgcatta tagttaacca tatgtacttt      60
cttcggtgtc accttatttt ccgttaagta ttgatatttt gttatattca aacatgagta      120
catttcaaca gtcttttgca ataaatacca taaaataata gagattcgca taataaatat      180
tctttacaat aaaaaagttt aacagacttt tgtcttaaaa atagtcagaa ttcaactttg      240
tgatttatac ataaaatata caaaaagcac cacaatttgt ggtaaggca agggaaacac      300
agaagagatt agaattactc agctgttaac tatccaaggg gccaaaagga ccattaagga      360
gccaatgca ctttaggcag catagtcttg tgacacatat agattgatca gctataaata      420
tcaacttgag ttatccaagt gccctcaatg acaacaaaaa tttggtgaga agcatggggt      480
gaagaaggaa ggtggctgag tccttcacaa atacgaaggc tagagtgaag atgggcaagg      540
tccaaccaat attatctcca atgtgaagat ttacattgta aggcgaatct aaaattacat      600
agaaagaaaa aatacacttg gcatctccag agtaagacaa caacaaaact gagggggaaa      660
gaaccttgaa ggagaaagaa ggagagggca gtggttaaag gaaaattttt acgttatagc      720
aaaaaatata tccccatgc tacttaaggg gcctatgcta ggaagatagc cctaactgga      780
gacagattta atacatagct tatttaagca attaaacagt tgctttttta aaaaaccaatt      840
tcctgtctcc cacggtagcc aatcaaaaca actctaaatc actgtagtct ggatgtgggt      900
gtatgttcac gtacacaact ttagaaagtt gcttgcagaa caaaaaggct acacaaaagc      960
ccactggctc tcaataccct caagtggatg gcagaggctc ttgttgaaag tgggagccag     1020
gtgcagcttc ccagtcactc cttgctgaag atcatccatg aggaaagaga aaaatccatg     1080
agttagacct tggcaacagg ggaagagaag gtgggaaaca gggaaaaatt ctaaagaaaa     1140
caaaaacaaa aacaaaaaca aaaaacagcc acaacttgaa agctagaagt tcaggaggta     1200
caaccacact ccaaaaatca tgatggttta ccctgacccc gggaggggca gctctccagc     1260
ttacaataga cagtgttgga gttcttacat ctgcaccctg ggcgatggat ccagtcataa     1320
cacctcctgc acagcttcag gcaccttta gcaggaggat aacagagtaa gcaaggtaaa     1380
aataaagaca tggctcccat acacagggtat ctagagcagc agtgtgattg tgaacaggag     1440
caaggattat ctgaatagga atccccctcg tcgtcattgg agcagtggta gaagatgccc     1500
ttgacctaa gacatgcagg ttccatattc caccatgctc tcagcagagc aaaggcactg     1560
ccggttacag gccaaacagg atggtagggg cctgggagca gtgcattctc cacacttgca     1620
cttccacac tggtcacaaa tgaacttggt ctgtgtcagg tcctctttca aggaaccctt     1680
caagtcatcc acaatcagtt gcttgggctg ggtccggatt gccctttcag acctatgacc     1740
agggactggt ctggttggtg gtgaccttcc taacagtccc tgttcagaag aggcactgct     1800
gttgctccca gagctggctg cacttccagt gctggttgat ctgctcaaaa tggggccccct     1860
ggcattactt gggagtactg catgtcccag gtggtctgtg tgtctgtgct cgtagttatt     1920
attcacatta attggtatga ttcatgagt cctttcatgc tttcttgtc ttggtgctgt     1980
ccgaggagca ggtcttttca ccaccgaagg cccttctgtg tattcattgc tgctcttat     2040
ggccttgatc tggctaaagg acaaaatagc agtaggctga atctctctct catagtctaa     2100
tctcgacgg ctatccaaag aaggctgctg gataacaact aacgaactgc cactgccatg     2160
ttgattttgg ggatccatgt gtagtgatct cgagtctg      2199

```

```

<210> 6178
<211> 2565
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2566)
<223> n = a,t,c or g

<220>

```

<221> misc\_feature  
 <222> (1527)...(793)  
 <223> similar to gi5262359 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6178

gtaaaaataa	ttgtttttatt	tttattgaca	tgactgattg	attgattgct	attctgtgca	60
cttaattaaa	ctgattgtga	tgacttttca	tttgtttaca	tacgttgctt	cagtcttctc	120
aggtgaaagt	agtgagaaaa	ccgtgaaaga	ggggggaaac	atztatccat	tatatgctgt	180
ttcactggaa	gtgttaccag	cagtccacag	aactaatgtg	tccccacaga	cttctcaatc	240
ctctccacac	cgaagtgcaa	aaccacagca	gggaagatgt	gcagggagat	gtggagcaaa	300
acacagccaa	tttgccctca	cctcaacatg	cttttgaatg	caatatacca	ctgttttacg	360
acctaaggat	ctacacacct	taaaaaccct	aaagtaaaat	aaaggaatag	tgtcaacatg	420
ccattttatt	tttgtcatct	tgaactaaaa	gtacagctgc	aagcaagctt	gctataggac	480
aagcttcagc	ttgggaaaca	tcaactatct	gcactcagga	cttacctatt	tccagaggaa	540
tatcgatgga	aggtcaggtt	aatacttaat	ttcaggttgt	ttgctacttt	taaatcaatg	600
cagtgtctag	ttataataaa	gagtcaaaca	atgctttaca	ttgtatatat	gttcatagat	660
ttcatccaat	ataaaataaa	gacagtcctt	ttaaacaaaa	gatagggaag	aggtaaagt	720
gacacttttt	ccgcttacaa	aaagtaatgc	cttataataa	attttaattc	aaccatttag	780
gggggtcagc	tgcatggaac	cttttatttc	ttcaaaatgc	tgcttctgcc	aacagaattt	840
catgttctct	tctttacaga	tagatagata	ggaactcctt	caattgtaat	tctgtttgcc	900
ctagagtagg	cacaaaattc	agtgcaacca	tggcatagtg	ttcttctggc	cagttcccac	960
atctccattt	catgatgac	ttcttatttg	ttaactcctt	tacagtgaag	atgctataca	1020
gctgctctac	agttgtgtca	aacagttcca	tcagtgtgaag	agccacagtg	ggaatcctta	1080
caccagtgct	cactggagat	gaggcctgaa	cctgcagggt	attcccactc	agttttcttt	1140
tgacagtcaa	ttcctgggtt	gccatagctt	tcgttggtaa	aatcattccc	gttgtaaatt	1200
ctcagtgtca	tctacttcat	tttctcaga	aagattgggt	atttcaatca	atcccttggt	1260
cttcactcca	gattctttaa	cgatgccttt	ccagcccagt	ttgatgttcc	actcatagaa	1320
gaaaatcagc	tttcctttgc	ggctgctgca	cgaagcctcc	ccttccacct	gcttcaactc	1380
gttgatctcg	ccgcggccag	cgtcattctc	cacaacgatg	cccaccagga	gctcctggaa	1440
cttccctttg	gacaagctgg	tggcatcccg	ctctgtcctg	ccagggacca	gaaagtcgtg	1500
aatggaagcc	ccagctggga	tccacctgcc	tgggtgccag	ggtcacgtcc	aagcccagcc	1560
cagatcggcc	caagtccctc	caagcagcct	cgaaacctgc	caacctccaa	tgtgctcctc	1620
aaacctgctt	tctatcaaat	tcttttcatc	ctgctcagtt	ctttaagata	ttattgtcca	1680
ctatgcaagt	agtattctgt	cttaaaaaaca	ctggcttatt	taagggagga	ggatctagct	1740
agctcgccca	ctggaaatag	gcaaagccta	ggccacaggg	aaagtagcag	tagtgaacta	1800
atcagaatca	tgacaatacc	agctatcaag	tgtcttcgca	tatacatcgt	ctaattgtaat	1860
cttcccaggt	aatattctca	ctttagggga	cagaaacgag	ctgagagaaa	tgacatgtcc	1920
atcggggccaa	ggctaggaca	ctagaaaagtc	agatctagct	cacgcctgta	atcccagcac	1980
tttagtaggc	ccaggcgggc	ggatcacgag	atctggagtt	cgagagcagc	ctgaccaaca	2040
tgggtgaaacc	ctgtctctac	taaaaataca	aacatcagac	ggacgtagtg	gcacgcatct	2100
gtagtcccag	ctactcatga	ggctgaagca	ggagactcgc	ttgaactctg	gaagctgagg	2160
ttgcagcgag	ccaagattgc	ccatgccttc	agagctcctc	cggaccagcc	aagtcatgct	2220
cctctgggga	ccggcctcag	catccccctc	acggcctgga	gggaccacag	ccccggccag	2280
aggcgcaggg	cagaggacat	cccttccgga	ggttctgcgg	cggagggtctg	ccgacctctc	2340
cccacgcgcc	aggtgaggcg	cgtaaaggaa	ggggagcttg	tctcactcac	agagggcccg	2400
gctcgcggga	ggcgcctgcg	gggtgggcgc	gaactgagat	ccaaatttct	gccctttcca	2460
ctacgttcca	tacccccgcc	cctaacacag	tctctcaatc	cagctccctt	ctaactcncc	2520
gaaacatcca	gaggggaatt	ccncggcnct	cgaatgtggt	tcgat		2565

```

<210> 6179
<211> 1530
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (91)...(1320)
<223> similar to gil90994 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6179
accccatgca tggagtgtat aaaaggggaa gggctaaggg agccacagaa cctcagtgga      60
tctcagagag agccccagac tgaggggaagc atggatggat ggagaaggat gcctcgctgg      120
ggactgctgc tgctgctctg gggctcctgt acctttggtc tcccgacaga caccaccacc      180
tttaaacgga tcttctctcaa gagaatgccc tcaatccgag aaagcctgaa ggaacgaggt      240
gtggacatgg ccaggcttgg tcccgagtgg agccaacca tgaagaggct gacacttggc      300
aacaccacct cctccgtgat cctcaccaac tacatggaca cccagtacta tggcgagatt      360
ggcatcggca ccccaccca gacctcaaa gtctctttg acactgggtc gtccaatgtt      420
tggtgacct cctccaagtg cagccgtctc tacactgcct gtgtgtatca caagctcttc      480
gatgcttcgg attcctccag ctacaagcac aatggaacag aactcaccct ccgctattca      540
acagggacag tcagtggctt tctcagccag gacatcatca ccgtgggtgg aatcacgggtg      600
acacagatgt ttggagaggt cacggagatg cccgccttac cttcatgct ggccgagttt      660
gatggggttg tgggcatggg cttcattgaa caggccattg gcagggtcac ccctatcttc      720
gacaacatca tctcccaagg ggtgctaaaa gaggacgtct tctctttcta ctacaacaga      780
gattccgaga attcccaatc gctgggagga cagattgtgc tgggaggcag cgacccccag      840
cattacgaag ggaatttcca ctatatcaac ctcatcaaga ctggtgtctg gcagattcaa      900
atgaaggggg tgtctgtggg gtcattccac ttgctctgtg aagacggctg cctggcattg      960
gtagacaccg gtgcattcta catctcaggt tctaccagct ccatagagaa gctcatggag     1020
gccttgggag ccaaggagaa gaggctgttt gattatgtcg tgaagtgtaa cgagggccct     1080
acacttcccc cgacttttct tttctcttg ggaggcaaag atacaccgct caccagcgcg     1140
gactatttat ttcaggaatc ctacagtagt aaaaagctgt ccacactggc aatccacgcc     1200
atgtatatcc cgccaccac tggaccacg cttggccctg ggggccacct ttcattccgaa     1260
agttttacac agagtttgat cggggtaaca acccgcatgg ctctgccttg gcccgtgag     1320
gccctttgcc accgcaggga aggccttgcc ttcagccctg gccagagtt ggaaccctct     1380
ttgaaatgcc cctctgcctg ggcttatgcc ctcaaattgga gacattggat gtggagctcc     1440
tgctggatgg gggccctgac ccctgcccc gcccctccct gctttgagga caaagagaat     1500
aaagacttca tgttcccaaa aaaaaaaaaa                                1530

```

```

<210> 6180
<211> 1818
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1767)...(194)
<223> similar to gi52757 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6180
tttttttttt ttactggggc ttctgcaatt tcaaatacagc actttgcagg gagacaacgg      60
ggttttttgaa tagtatcacc tggatatgaaa agttttccca agaaaccaca aacgattggt      120
catttttttct ctttttttgt taactttttg ccacactcaa gtcagtttaa gtcctagcaa      180
aaagacggta gttaggatac cactgtgggt gtagatgatg tgacactggg tgaattttgtg      240
ctggcgtttg tgtaaacctc cctcgctgtt tgtgtttgat tccgttaggg ggcaccctgg      300
cttgaattgg gctcgaagga ttgctcctgc tggcactgca atgtggcccg cgccctggg      360
ttctgggtgt taggtaaagg taaggctggg ggaataaatg attccatcat ttcggaccaaa      420
agttactgga acctggactg gttgccggac ccactcctca cttctcggga atgcagaaat      480
gtctggggac acacagagca tactctctcc acacctgtac atagtttcag cttctacatc      540
cccaaaccac actcgtaaat ttggagttaa attctgtcct gtaagttcaa gcattgctac      600
gtccccaccg ccattcaact gaaggctctc taccacaggc acaggagtga ctggggcaag      660
gacagggccc attccctcat aaaatgtata ctctgcctta tctgtgctaa tgattgtcca      720
ggaagcgcca tcatctatca tctctctcac taggtgctat tggacatgga gtggcctgaa      780
attgaattat tctttcttga gaaaggcaca aatacattct ttctgtatcc ttaaggtaaa      840
atgcacattt atggagtgtg gacacaggat catctgcac caataatgcg gtatgcttat      900
caactttcat aattatcaat cttgggagtg ccattgccag aactgagcac acaagtttgc      960
atgtttgtcc ataattggat tagacatctc ggactgtgaa ttcttctcct tctgattcat     1020
catcatccaa gagatgaata aaaaaggctc cccactgctg tgaactggca tgaaaattac     1080
ctccttctac atgcaagtat ctggtactaa ctgtctggga tcgtagtcca ttaaacagag     1140
ccacctttgt tcctgaggca atgcataagt cagcattttt caatgactgc ttctttttgg     1200
aaggtttggg gatgactttt atccgcttgc tgagggaacac accaatgtca tcaactgttc     1260
catagaacat ctttacagac aacatgaagt gctttcgctt gtctgagtca gatatacata     1320
atgttttggc tgtgcaatag ttctttcctt ccaagtttag ctgctgcatt tcttggtcac     1380
tatttcttat cccaataaat gcacacgggt gagactcttg ttcagaacaa ccatcgcggt     1440
ccatttgttc tttttttttc ttccatccgc tgcccataag atatacacia ggaggtgggc     1500
aaaaaaacct tttttcattt ccatatgact tctgtgcaac ttttgcata agaataagta     1560
ctgtttgatc cctcgcctct tttaaataat ttgcatagc ttccctagta agtcgttttag     1620
gtggaggccg ctcaccaaatt ttcccaggcg atggagcatg cgcaggcggc tcctccgcgg     1680
gcgagccctc cgtgtggtcc atggggagcg ctccggttat ccgggtttta ggacgcgctt     1740
tgaggggacgt acgtggagac tgcagccccc catctttccc ctcttttgct ctttcttttc     1800
ctagagattc ccacgaaa                                     1818

```

<210> 6181

<211> 1768

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1703)...(752)

<223> similar to gi469885 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 6181
tttttttttt ttgctaaatt caatatttat ctgaaagtta aagaaaagca aacaaacata      60
tacaaaggac atttcatttt taatcactca aaaatgaaaa aggtttggac aatgtcaaat     120

```

tccactcacc	ataatgctat	agttatacat	taaatataat	tactatctat	acatatgcaa	180
aaatataaag	ttctatttca	tacaataaaa	ccctttatag	aaaccatttt	aaaattaagc	240
agaacttctc	aacattaata	tgtgagggtga	ggcttaagtc	cttctaaagg	tttctttaa	300
ggttttttaa	caaaatgcta	aacctaaaaa	cattgtcctg	tcagttccca	aattaaatct	360
acttagaaca	aaaacaaaaa	tttatagctc	ggtcacatac	tacttaaata	atattgttca	420
ggcatctcta	aaatcctcca	tgttttcaag	tatggaaata	gaactcaaat	attccacaat	480
acagtactaa	acagatggag	tatttaggaa	agactttggt	gtcatatggc	acaatattaa	540
tattttgttg	cttcaatacg	ttttgaaata	aatatcagat	ttttgttttt	ttttcctaaa	600
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<210> 6182

<211> 2772

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2418)...(118)

<223> similar to gi4589141 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6182

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atgaacatgt	agatcagatt	acacaggaag	tttaagaaga	acttggggat	gagcagatcc	1260
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<210> 6183

<211> 4477

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(4478)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (37)...(2739)

<223> similar to gill136436 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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aaggggctga atcccgccac actctcaggg tgcattgaca tcattgtcat ccgccagccc      180
aatggaaacc tccaatgtc ccccttccac gtccgctttg ggaagatggg ggtcctgcgc      240
tcccagagaa aagtgggtga catagaaatc aatggggaat ctgtggattt gcatatgaaa      300
ttgggagata atggagaagc attttttgtt caagaaacag ataatgatca ggaagtatc      360
cctatgcacc tggccacctc ccccatcctg tcagaaggag ctccgagaat ggaatgccag      420
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agaaagtcac agctggacag cctgaagaga gatgacaaca tgaacacatc tgaggatgag      600
gacatgttcc ccacgagat gagctcggat gaggccatgg agctgctgga gagcagcaga      660
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cagtcggtgg gcagctcggg cgtggacagt ggcgtggaga gcacctcgga cgggctgagg     1440
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gcacccctcc tcctgggcaa tgaggcctt ccagaaacct ttgccaaagg ccactgtgga     1680
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cccaagtttt	tgtggctcaa	ggctggaata	tttatgcctt	aatatatcta	tggcagacat	3480
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<210> 6184

<211> 3060

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (288)...(2635)

<223> similar to gil924940 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6184

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<210> 6185

<211> 2175

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (245)...(1723)

<223> similar to gi2708630 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gcagactggt tgccatgaca gcccaccaag gacgggggga ataaagtggg aacccttccc      180
catgcccctc ccacggtcag cccccgatg gcctgggtga gggcaggctg gctgctctga      240
caccatgggg agctgctgca gctgcctgaa cagagacagc gttccagaca accaccccac      300
caagttcaag gtgacaaatg tggatgatga gggggtggag ctgggctctg ggggtgatgga      360
gctgacgcag agtgagctgg tctgcacct gcacggcgtg gaggccgtcc gctggcctta      420
tctctgcttg cggcgctatg gctacgactc caacctcttc tcttttgaga gtggccgccg      480
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cctccttcag gatctgatgc actgcaacag catcaatgtg atggaagagc ctgtcatcat      600
caccgcgaat agccaccccg ctgagcttga cctccctcga gccccccagc cacccaatgc      660
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ggtgaagttt gtgttggggc cgacccctgc tcggcggcac atggtgaagt gccagggcct      1020
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tgtgctggct ggagtcccca gagatatcag ccaccgagtc tcttggtctg tctccaggct      1920
gggaagagaa gggtgaccag gcgaggaggg agccgagacg tcaactgtga agggttcctg      1980
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tgtttttttt ggttggaatt ttgaaacatt ttgtacctgt tgattttatt tatcagttta      2100
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aaattttgaa aaaaaa                                     2175

```

```

<210> 6186
<211> 3201
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(3202)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3073)...(426)
<223> similar to gi4868008 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 6186
tttttttttt ttggggcgcag aggggcgttta ttggacctgt ccttcccagc cgctgcttgt      60
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accacaaggt ccgcctggac ccccgccgt caccgacggt cctctggatg cagatgggtcc      180
agggatctgg gggctcctggg agagtgggtg gtggactgcg ggcccagctg gacaaaggca      240
ggggcttctt cagaagctct gctggtcacg caggcgctccg gcccacggcc ttcaacagcc      300
ctgcagggcg ggctgaggtt aaccgcgccg aggagagctc agggcgagcg gtggctcttg      360
cagcagcccg gctcaggggc agctgagggg tagctgagga gtagctgagg ggcagctggg      420
ctcaggggta gctgaggggc acccgccacc agagcccacc gcacaggcag ttcttgatcc      480
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cagcactgcc aggcagcggt ggcgcccggc caaactgcag acgaaggggg tgcttgggct      720
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catcgcgaca gcagatccag agcttgggtg gcaggcgga gagcaggga atgctgtcct      900
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gagggtccg aggtggggga gggctccgag gtggggcagg gctccgaggt ggggcagggc     1140
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gtctggcgcg tgtactcttc gtgcagcttc tccaccaggc tctgtaccat actgggctgc     1560
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cgctggcggt ncagcaggga cagggtgacc aggcctga ccgtcaccgc gatccagccc     2520
tccatggcat tgccgcacga acagcgtgag cgacgggtga gaacttgact cggggagaa     2580
ttctccccga agctggaggc gcccgacttc tccacgtgca gggccagttt cacaccattt     2640
gtgcagccag ggacagggcc caaaaatggg gtccccctc cactaaggct gccactgag     2700
cttctccag ctattaagcc agggtnngta ccccatgct ccagcacctt gatctgcccc     2760
gtcggccatc tgctgaacag gaagccgggg aagcctgact ggtccactc cagggcaggt     2820
gatagcctcg tgggtgctct aggggatcga gtgcagggtc cagggtgct ccgtgtccag     2880
gatgtggatc atcggggtca ggtcctggtc atcgctgcgc aggtccatgg tgaaggcgat     2940
gagatttcgg caggaccagg cgcaggccag gggcaccgat gggcagtggt tgctcttggg     3000
ccatttctcc cactcacaga cgtaggccaa gtccatcatc ccacctgcc ctggccggcg     3060

```

caaatcacac	atgagggcag	tcaccagctc	ctggtcggcc	cgtgcgccaa	gctcagcggg	3120
cgtcgcgggt	gcatcttcc	ctagcgctc	gggtctggcg	ccgccatctt	cctcggtaac	3180
aaccagtcgc	ttgaggcgtg	g				3201

```

<210> 6187
<211> 1285
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1252)...(386)
<223> similar to gi4867999 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6187						
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ggaagagcac	acttcacagg	tttcataatc	aaatttttaa	ataatcacat	gtaataaaaa	120
caaatgacta	aaatacaaaa	atgtaatgta	tttattttact	aaatggtttag	ctataaagat	180
acaattttctg	ccttggagtt	taaagcagtt	tcatttttttg	ccatagttac	tttttctgat	240
aatatgctag	aatcacagtc	ttctctgttt	tatctggatt	gtagggattg	tttacatttt	300
atatggtttg	ttcacttgag	aaccaaattt	tttttttctt	catgatgatg	gaagctctgt	360
aatataaaaa	tgtcattgtg	ctcatatatt	tgaataatac	ccgaccccg	ttttcaaagt	420
ctctgtgagc	atatcttgca	taagtcttgt	tatgtgggga	tccttccaaa	aggttcatgg	480
tcattgaaac	aggattcaaa	aacttcatca	acagcctttt	tagctacttc	tttgctgata	540
ttcctaacag	ccaggataga	aagagtggct	ctgtctcgca	cacaagtctg	gtgggtgtgt	600
tttaatccaa	aatgtaacct	gaatatattca	ttgacaagtg	agcagtctcc	actaagggtta	660
gcagctcgaa	cctctgagca	cgccaaatgt	ctgatgttg	tgaaccagtc	gacatgggca	720
cgacaatgat	caaatgcatg	aataagctcg	tgtgtgacca	ctctgttcat	atgggcctga	780
ttatggatat	tattctggca	caaaactatc	tgagatgttg	aagcatcaaa	acctccactg	840
acatttccat	tacagtcttc	gcaagaaaag	tgtctatctt	tgtaaacagc	acaacctgag	900
tgtttcatac	catcaagcag	aagtttgaca	tatggatttg	tctccagcgt	cttcaggagc	960
ctaagctggc	acttctgggt	gctgggtgaag	aagctggaga	agaacccttg	ctggggattc	1020
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cctgccgcgg	ggccccgcg	gcgctcgctc	ggagctcccg	ccatgcctcc	cgcagacctc	1140
gccgctgctt	cctcctggct	caggcgggcca	gagcgagact	gggaaaggta	acctccctcc	1200
cgccaacgcg	accgcccg	ccctccctcc	gcagggaaga	agggcagcct	ggctgggctg	1260
aagacgttag	gcgggagggg	gcttt				1285

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<210> 6188
<211> 2358
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (140)...(1585)

<223> similar to gi3378168 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6188

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ctcagattta	ttgctaaaca	tggttgcat	tttgataaa	cccaaaactg	aaaaacataa	180
tgctcatggt	gctgggaatg	gtttacgtta	tggcctgagc	agcatgcaag	gatggagagt	240
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tcttgagctt	tcagtggaaa	atgttaagaa	tggtatcaga	acctgggatt	tttgaaaatt	480
gatgaatata	tgcgtaacct	tttcagacct	cagaaaccgg	gatggacaag	gagttgggtc	540
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tgtggaataa	aaaaaaaa					2358

<210> 6189

<211> 3622

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (318)...(2733)  
 <223> similar to gi38032 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6189

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ctgtgacctg	caggtattgg	agagccacag	ctaagatgcc	aggaacccct	gcaagcctag	120
aaatgagcct	tctctgcatg	atggcttctt	atatgccatg	cagaattctc	accatgaatt	180
tgtgatctgc	aataattaaa	atgttctctt	tgtggctggt	gaacatggaa	aggtgtggat	240
aatctatttc	tatggagaaa	acctgggatt	cttagtgaag	atggagaaca	tataatgttg	300
agggaccatt	gacatttatg	gatgtggcca	tagaattctg	tctggaggag	tggcaatgcc	360
tggacactgc	acagcagaat	ttatatagga	atgtgatggt	agagaactac	agaaacctgg	420
tcttcctggg	tatattgctg	tctctaagcc	agacctgac	acctgtctgg	agcaagaaaa	480
agagccttgg	gagcctatga	ggagacatga	aatggtagcc	aaacccccag	ttatgtgttc	540
tcattttacc	caagactttt	ggccagagca	gcatataaaa	gatcctttcc	aaaaagcgac	600
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atttgatat	aacattaaaa	gg				3622

<210> 6190

<211> 2316

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (134)...(2317)

<223> similar to gi38079 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6190

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ggggagaagc	aatatgttaa	ggatacctgt	aagaaaggcc	ttagtaggcc	tttctaagtc	180
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tgatggtcag	tctgtcatgg	tggaaccggg	aacgaccgtc	ctccaagctt	gtgagaaggt	300
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gatgtgcctt	gttgaaattg	agaaagcccc	taaggttgta	gctgcttggtg	ccatgccagt	420
aatgaagggt	tggaatatcc	taacaaactc	agaaaaatcc	aaaaaagcca	gggaagggtg	480
gatggagtgc	ttattagcaa	atcaccattt	ggactgtcct	atttgtgacc	agggaggtga	540
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gaagcgtgct	gtggaagaca	agaacattgg	gccattggta	aagaccatca	tgacaagatg	660
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atgacagatt	caattagcag	agcttcacag	acaatggcca	aatgtgtcaa	agctgtcaca	2280
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<210> 6191

<211> 1578

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (99)...(660)

<223> similar to gil841436 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6191

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ctgtcctcat	cctggctatc	attcttcttc	aaggctactt	ggcccagtc	atcaaaggaa	180
accacttggt	taaggtgtat	gactatcaag	aagatgggtc	ggtacttctg	acttgtgatg	240
cagaagccaa	aaatatcaca	tggtttaaag	atgggaagat	gatcggcttc	ctaactgaag	300
ataaaaaaaaa	atggaatctg	ggaagtaatg	ccaaggacc	tgcagggatg	tatcagtgt	360
aaggatcaca	gaacaagtca	aaaccactcc	aagtgtatta	cagaatgtgt	cagaactgca	420
ttgaaactaaa	tgcagccacc	atatctggct	ttctctttgc	tgaaatcgtc	agcattttcg	480
accttgctgt	tggggtctac	ttcattgctg	ggacagggat	ggagttccgc	cagtccgaga	540
gcttcagaca	agcagactct	gttgccccaa	tgaccagct	cctaccagc	ccctcaagga	600
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aaaagataga	aaagaaagaa	aatgaaaaga	caggacacag	actgggagaa	agtatttgca	1380
ggcatatat	ctaataacag	tgcttctctc	aagagtatat	agaaagctct	tagaattaat	1440
aatgagaaga	caattaaacg	aacaaaaatg	ggctgaagtc	ttggatagac	atttcaccga	1500
agacatagga	atggcaaata	agcataagaa	aaggatattta	caccaggtgc	ggtggctcac	1560
catgtgtgca	atcccagc					1578

<210> 6192

<211> 3282

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (17)...(2775)

<223> similar to gil469874 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6192

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caccagtggg	cttacagaca	taacatggag	ctccagtggg	agtgatttgt	cggatgaaga	360
taagacactt	tctcagttac	agagagatga	attacagttt	atcgactggg	agattgacag	420
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<210> 6193

<211> 5825

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (39)...(1263)

<223> similar to gi3327100 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6193

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<210> 6194

<211> 2648

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (257)...(1764)

<223> similar to gi299703 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6194

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<210> 6195

<211> 8461

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (243)...(7889)

<223> similar to gi5732618 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6195

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cgtgcctctg	atgatgaaac	ccttgagtct	gaggcctcca	ttgggactgc	tgatagctca	7380
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agaatataat	ttttttccaa	aaacttactt	acaaacaaaa	agcctaatac	ctctatttta	8400
agattttctga	aaaaacactc	cactccatgt	tatattcttg	ggaaagcaaa	aacaaaaaaa	8460
a						8461

<210> 6196  
 <211> 2085  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2086)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (767)...(1194)  
 <223> similar to gi5817230 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6196						
tcgacccacg	cgtacccaaa	ttctgttgta	tgaatggcat	ttgtatatta	aaacactttt	60
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ctggatatca	attttaagtg	gcgttcacct	agtcaacacg	accgcgtgtg	ttgcccctgc	180
cctgggctcc	ccgccatgac	atcttcactt	tgcagcttgt	gctgagactg	acccaagtgc	240



agctagcact	gggacacaga	tccttgtcct	cagcaccttc	caaggagcca	actttttattc	300
cctttcctct	ctccccctcc	cacctcgctt	cttcccaatt	tagtaactta	gatgcttcca	360
gcacatacgt	aggtagctac	cccagccggt	ttggattaca	ggcctgtgct	ggaacatcat	420
ctcagttggc	caccttcctg	gcaggctgta	gacctgacat	tttgagacaa	gcctagagtc	480
aggagcaggg	acttttgactc	ttaggaagag	cacacatgag	ggcaaggctg	ctggcagacg	540
tctccattgt	ccttatgttg	tctgtgttgt	atTTTTTTTT	ttttattgac	catgggtgat	600
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agtttgtgta	tttttctcca	tctccccctg	gcttcctaga	gtttggacat	attccaggct	720
aaatgctttt	actcaagact	acagaaaggt	ttgaagtagt	gtgtgcatgg	catgcacgta	780
tgtaagtaat	ctggggaaga	agcaaagatc	tgtttcattc	ttagcctcag	gcctcatgag	840
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gagaagaatc	tgcaggctgc	ttgtgggact	gttcaccaag	ggggatacca	gcagcaagag	960
agtgcacccg	tttagccctg	gaccctgttt	cttactgtgt	gacttggcta	gagttggggag	1020
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gtactgtcct	tgtgtggcaa	agatgttccc	ttgtaggccc	ctttcaggta	accgtcttca	1140
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ggtgatggtg	gggagatgat	gggctaaaca	ggcaactttt	caaaaacaca	gctatcatag	1320
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tttttttaac	gcagaagtaa	tgtatactct	agtattctgg	tgtttttata	tttatgtaat	1440
aatttcttaa	aaccattcag	acagataact	atttaatttt	ttttaagaaa	gttggaaagg	1500
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tgatgtgtgt	ggagggatgg	ggaatagaac	attgactgtg	ttgattacct	tcactattcg	1860
gccagcctga	ccttttaata	actttgtaaa	aagcatgtat	gtatttatag	tgtttttagat	1920
ttttctaact	tttatatctt	aaaagcagag	cacctgttta	agcattgtac	ccctattggt	1980
aaagatttgt	gtcctctcat	tccctctctt	cctcttgtaa	gtgcccttct	aataaacttt	2040
tcatggaaaa	gctcctgtgc	caggagctca	gtctgaaaaa	aaaaa		2085

<210> 6197

<211> 1846

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1847)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (193)...(1409)

<223> similar to gi29648 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6197

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gcgcggcgca	ccgtgcgcgcg	gggccgtgcg	cgaagagacc	tcgcggggcgc	ggagcgaaaag	120
gccggcgtaga	gtgagcgcg	agacagtggc	cgccggcggc	ccaacccgtc	tatcccttcg	180
gcgcgcgcgcg	gcatgagcca	catccagatc	ccgcgggggc	tcacggagct	gctgcagggc	240
tacacggtgg	aggtgctg	acagcagccg	cctgacctcg	tcgaattcgc	agtggagtac	300
ttcaccgcgc	tgcgcgaggc	ccgcgcccc	gcctcagtc	tgcccgccgc	caccccaacgc	360
cagagcctgg	gccaccccc	gccagaacct	ggcccggaac	gtgtcgccga	cgccaaaggg	420
gacagcgagt	cggaggagga	cgaggacttg	gaagttccag	ttcctagcag	atttaataga	480
cgagtatcag	tctgtgctga	gacctataac	cctgatgagg	aagaggaaga	tacagatcca	540
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tatgtcatag	aacggggaac	ttatgacatt	ttagtaacaa	aagataatca	aacccgctct	780
gttggtcaat	atgacaaccg	tggcagtttt	ggagaactag	ctctgatgta	caacacccccg	840
agagctgcta	ccattgttgc	tacctcagaa	ggctcccttt	ggggactgga	ccgggtgact	900
tttagaagaa	tcatagtga	aaataatgca	aagaagagga	agatgtttga	atcattttatt	960
gagtctgtgc	ccctccttaa	atcactagag	gtgtcagaac	gaatgaagat	tgtggatgta	1020
ataggagaga	agatctataa	gagaatggag	aacgcataat	cactcagggt	gaaaaaggct	1080
gatagctttt	acatcataga	gtctggcgaa	gtgagcatct	tgattagaag	caggactaaa	1140
tcaaacaagg	atggtgggaa	ccaggaggtc	gagattgccc	gctgccataa	ggggcagtac	1200
tttggagagc	ttgccctggg	caccaacaaa	cccagagctg	cctcagctta	tgcagttgga	1260
gatgtcaaat	gcttagttat	ggatgtacaa	gcattcgaga	ggcttctggg	gccctgcatg	1320
gacatcatga	agaggaacat	ctcacactat	gaggaacagc	tggtgaagat	gtttggctcc	1380
agcgtggatc	tgggcaacct	cgggcagtag	gtgtgccaca	ccccagagcc	ttcttagtgt	1440
gacacaaaaa	ccttctggtc	agccacagaa	cacatacaga	aaacagacat	gacagaactg	1500
ttcctgccgt	tgccgccact	gctgccattg	ctgtggttat	gggcatttag	aaaacttgaa	1560
agtcagcact	aaaggatggg	cagaggttca	acccacacct	ccactttgct	tctgaaggcc	1620
cattcattag	accacttgta	aagattactc	caaccagtt	tttatatctt	tggttcaaaa	1680
cggcatgtct	ctccaacaat	ttaagtgcct	gatacaaagt	ccaaagtata	aacatgctcc	1740
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cctgtttgta	ttaactgttg	gnacactctc	taatggttct	caaagg		1846

<210> 6198

<211> 1804

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1606)...(484)

<223> similar to gi4886467 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6198

tttttttttt	ttacgtatca	acaaaggatc	ctttattgac	cagagcagga	ccgtggcatt	60
tttatttata	tatatatata	tatatatata	tatatatata	tatatatata	taaataaaaag	120
tttgaagatc	tggcaggcag	tgatcctatt	ggtcggcca	ccacccccag	cactgatttc	180
ctgtccctg	cacggggaag	ggggagggat	gactgctcca	cccaggccac	agggccacac	240
ttcccttgc	aaaccagagg	aagaaagggg	ctttttctgt	agccatcccc	ctgcacattc	300
agaaattcaa	ccaagtattt	ctctcaaaaa	aaaaaaaaata	cagaaattga	aacattttaa	360
tatgaaaaac	caaaggggaag	tgagtgggaa	gaggcaagag	aggaaaggaa	ctggagtttc	420

ttgggaaggg	actcccatgt	ctcccttccc	atttatgggc	ttggggctctg	gggtacgagg	480
ctcacacagt	gagtttgag	tgacacagct	ccttgtagat	ctgccgacga	agtttgggca	540
tgctctgctg	gggtgaagctg	aatggctgag	acagggccag	atgcttgag	tactgcaaca	600
caaaagcacc	acagtcactg	tattattct	gcctggccac	attcattttg	aagtaacctt	660
tccagccctg	gtggaaatcc	agtcggctct	tctttaccgc	ctctgcctgt	agatacttgg	720
caatatgctt	agggcagcgg	cggtttaggg	tacgctgcga	gtcaaaatag	gtgatgggtg	780
gtcgccctac	atcaacagag	atgagggacc	aatgcacctc	caggtggatg	gggattagca	840
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caccatggca	ttgcctggca	tccgctggta	agactggatc	agctgcaaca	ccaggccctt	1140
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cgcaggtcac	atgctcctct	cgcagggggc	tgtgctggcc	ggctttttctc	cccaggccctc	1320
tctgctcctt	ctgccatgcc	caaactctgag	ccctgaaaaa	gctcctgggc	cacatgggtcc	1380
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ggcgctgcac	ccccttgctg	gggtgaaaga	tggttcttgg	ggtgtgcgag	gccccgcgcg	1740
cggccccggt	ggcgccccca	aagcttccag	tggaatgtca	gcgaggtgct	tttccacgcg	1800
tcgc						1804

<210> 6199

<211> 1706

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (265)...(1389)

<223> similar to gil840045 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6199

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gagagcagca	tggaggcgtc	ctgggggagc	ttcaacgctg	agcggggctg	gtatgtctct	180
gtccagcagc	ctgaagaagc	ggaggccgaa	gagttgagtc	cgttgctaag	caacgaactt	240
cacagacagc	gatccccagg	tgtttcattt	ggtttatcag	tgtttaattt	gatgaatgcc	300
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ttacctggaa	agttgggtgg	ggcaggcacc	ataataattc	agaatattgg	agctatgtca	540
tcttatcttt	taattattaa	aacagagctt	cctgctgcta	ttgcagaatt	tttgactgga	600
gactatagta	gatattggta	tcttgatgga	caaacactac	taataatcat	atgtgttggc	660
attgtgttcc	ctcttgcact	tcttcccaaa	ataggctttc	ttggctacac	aagtagttta	720
tcatttttct	ttatgatgtt	ctttgctctt	gtggaataaa	ttaaaaaatg	gtccatccct	780

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tgtaagccaa	agctctttca	tttctccaaa	gagagtgtt	atgccttacc	aaccatggct	900
ttttcatttc	tctgccatac	ctcaatattg	cccatatact	gtgaacttca	aagtccttca	960
aagaaaagaa	tgcagaatgt	taccaataca	gcaattgtt	taagttttct	catttatattt	1020
atatctgcac	tctttgggta	cctcactttt	tatgacaaag	tggagtcaga	attactaaaa	1080
ggttatagta	aatacttata	acatgatgtt	gttgtcatga	cctgtgaagt	tatgccatac	1140
tatttgctgt	gcttttggac	agtcctctca	atccacttcc	ctgccagaaa	agctgtaaca	1200
atgatgtttt	tctccaattt	tccattctca	tggattcgcc	attttttgat	cactctagca	1260
ctcaatatta	tcatcgtttt	acttgcaata	tatgttctctg	acattagaaa	tgtatttggt	1320
gtagttgggtg	ccagtacata	aacatgtttg	atttttata	tcccaggact	attttatctt	1380
aaacttagca	gagaggattt	tctgtcatgg	aaaaagcttg	gggttggcgt	gcagtgggtg	1440
gatctcagct	cattgcaacc	tctgcctccc	ggactcaagc	aatcctccca	cctcagcctc	1500
cagagtagct	gagactacag	gaagagatac	catggagatg	tgcaccacaga	ggaaaggcca	1560
cgcaaggaca	cagcaagaag	gcaactgttt	acaagccaag	ggaagaggcc	tcaggagaac	1620
caaacgtgtc	cacaccttga	tcttgcaact	cccaacctcc	agaactgtga	gcaaataaat	1680
gatgttggtt	aatcccaaaa	aaaaaa				1706

<210> 6200

<211> 2060

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1456)...(1236)

<223> similar to gi220136 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6200

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agaactttcg	gaggctgagg	caggtggatc	acttgaagtc	aggagttaga	gactagcctg	120
gccaacatga	cgaaacccca	tctctactaa	taatacaaaa	attagctggg	tgtggtggca	180
tgtgcctgta	atcccagcta	cctgggaggc	tgaggcagaa	gaattgcttg	aaccgaggag	240
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agactccatc	tcaaaaaaaa	agaaaaggaa	aaacatttgc	acttcaattc	tccttcaagt	360
taaaatgagt	taaaatgcct	ccttttggac	aatcccttgg	cttgaatgtg	gctcttccct	420
ctctggtact	ggtgcttagt	acctcacagc	acctgacaag	ttaagtgcc	atggttgctg	480
aggcagatgc	ctgccttgtc	ctgcccacct	gccaccact	tctccctaaa	ctgaagcccc	540
acatttggag	cagtcatact	tatcttggac	acagcattga	gcagatacct	gttccacagt	600
caacctttta	tcaagagaag	gtaccaaaacc	caaaagtata	acatactaat	cttacctgaa	660
ttttcagtgg	ctcgatgtga	ttcaggtaaa	tatgtgcata	tcccaaagtg	tgtataaagt	720
cacctggcta	taaacccggg	ggagaaagca	gaacagtatg	ttagtttcaa	ttctttaaaa	780
catcatttaa	aaacattaga	atatgcagac	accgcaaggc	tttttttaaa	aaaataattt	840
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acaacaacc	tgtatagatc	tgttagtgcg	tataccacag	ggccagaaaa	ccttccagaa	1080
gaggaagggt	tcaaagtaaa	agctggttca	tgtcttactt	acacatatca	aattttaaag	1140
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gtggtaggct	ggcaagtcac	ccttcccag	acagcccacc	ttcaggcccc	tgatgtgcgc	1260

aatcatgtac	gtgagcaggg	cgtagctggc	gatgttgaaa	ggcacaccga	ggcccatgtc	1320
tcccgatctc	tggtagagct	ggcaggacag	ctcactgttc	accacataga	actggcagag	1380
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<210> 6201

<211> 1744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1478)...(204)

<223> similar to gi4929613 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6201

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ggactagttt	tatttatcac	tgaagaagaa	agctgagata	caagcgtcaa	atcctcgact	720
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tctt						1744

<210> 6202  
 <211> 7872  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(7873)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (7489)...(2075)  
 <223> similar to gi4151330 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 6203

<211> 4071



<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (52)...(2099)  
 <223> similar to gi2072501 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6203

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<210> 6204

<211> 8435

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(8436)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2859)...(6129)

<223> similar to gi37334 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6204

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<210> 6205

<211> 2830

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (32)...(2331)

<223> similar to gi5640105 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6205

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tttactggaa						2830

<210> 6206

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (694)...(150)

<223> similar to gi4929763 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6206

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gcagcatgag	agcactgggc	agccactttc	ccttttccca	tctttaagtc	atttcgaacc	480
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<210> 6207

<211> 4649

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1388)...(4427)

<223> similar to gil469167 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6207

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agaatggcag	gcaggggggtg	gggaaggcgg	tgcttcttga	gccccactta	gcaactgggtc	240
actcatcctc	tggcagctgg	atcttgctgg	ggtcgaagca	gttggattcc	atgatgggaa	300
ggccattggc	ctctcggtat	ttcacaagcc	tctcagcttc	gcggcgggac	cactctttca	360
tctgtagtc	aggcagatag	gccacaaagg	tgctgccaag	gaccaggatg	atggagacgc	420
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gggagtctgg	gttcttctca	tacaagtttt	cgtcctcggt	ttctgggtcc	tcttgccacg	540
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<210> 6208  
 <211> 2830  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (452)...(2082)

<223> similar to gil045197 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6208

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tgtgactgca	gagccgtcca	accccagtc	tgtgaccttt	ctctggtgcc	tgatacctct	300
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<210> 6209

<211> 2086

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1958)...(528)

<223> similar to gi632968 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6209						
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catggtagct	gtcctctcgc	cgacgccgtc	gtgtccggtc	actactactt	gaccaggagc	1860
gacttcttcg	tcgcttatgc	tttcggctcc	gatagtgttc	acggtaactc	ccccggctgc	1920
ctcgctctga	ggagtggtag	cttcgaggat	gcggcatcgt	tctggcggcg	aggcccgtgc	1980
gcttgtccca	caggaagtcc	gtgatggcgg	cgacactgcg	gccggagtcc	cggcaccccc	2040

gcggcgacga aatgctgctc ccccccccca acccgggacc ctggga

2086

<210> 6210

<211> 2381

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (153)...(1824)

<223> similar to gi32080 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6210

cccacgtag	accctagtca	gtgtggtgga	attcgggtccc	tccctggctg	cgggagagac	60
ggaggttag	ggaggacaca	gagccgcgcc	gcccgcacca	cagaccttcg	cctcgccccg	120
ccggttcctc	accctcgggg	agcaacatgg	cagataatct	cagtgatacc	ttgaagaagc	180
tgaagataac	agctgttgac	aagactgagg	atagtttaga	aggatgcttg	gattgtctgc	240
ttcaagccct	ggctcaaaat	aatacggaaa	caagtgaaaa	aatccaagca	agtgggaatac	300
ttcagctgtt	tgcaagtctg	ttgactccac	agtcttcctg	caaagccaaa	gtagctaaca	360
tcatagcaga	agtagccaaa	aatgagttta	tgcgaaattcc	atgtgtggat	gctggattga	420
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gggctctagg	aaacatatgt	tacgatagcc	attcgccttca	agctcagctt	atcaatatgg	540
gtgttattcc	taccttagtg	aaattactgg	gcatccactg	ccaaaatgca	gctcttacag	600
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ctggttgaag	caggcctagt	agagtgtcta	ctagagattg	ttcagcaaaa	agtggatagt	840
gacaaagaag	atgatattac	tgagctcaaa	actggttcag	atctcatggt	tttattactt	900
cttggagatg	aatccatgca	gaagttattt	gaaggaggaa	aaggtagtgt	atttcaaagg	960
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agtgaacatg	taataatgca	gaatgaagct	cttggtgctt	tggcattaat	agcagcttta	1560
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gctcttatgg	gatctgaatg	tctacacaag	gaagtacagg	atttggcttt	tctagatgtc	1740
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ttccccctctg	tctccatcc	agcggcttct	tccgcttcat	tctctaccat	accacttgtg	1920
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tgatgatgta	aacttggtac	tacataatga	cttgctccac	acatgcagta	aactacataa	2160

tgatgtactg	gtaaactaga	aacaaagaat	gcagcaggat	ctgtctagct	tattaaagat	2220
gaaactgaat	tgaaaaaata	gctccatttt	ttgggtgcttg	ggaagcacag	tgaccaaaaa	2280
agttgtatgg	ctgcttattc	attagtcttt	cctactgatg	tcaaattccat	ggtacctaga	2340
gttaaataaa	attccaatgc	tcttactctt	taaaaaaaaa	a		2381

<210> 6211

<211> 2941

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (12)...(1959)

<223> similar to gi577299 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6211

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cctcctctgt	atggcacaaa	ctttcctccc	gggacggaac	acgctgcctc	agggagcccg	180
cgaccgcgcc	ttctcctccg	ccggctcccat	acgctgctga	aatgggttgc	ggattgaaca	240
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aggtggaaac	caagatagat	gtgtcctatg	aataccgctt	cctggagtgc	acgactctga	360
gtgctgcgga	gctccctggg	tcctcagcag	tgaggctggc	ctccctgcgt	gacctgcccg	420
cccagctcct	ggagctgtac	cagcagggtc	tctcgctggc	ggccctgcac	cccttcgtgc	480
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cctctgtgaa	ctcggcaggc	agcagtgtct	cgggtgtctac	tgccaacagc	accgaggatg	780
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ccacgagggg	aggtgcccc	cgccaagcag	ccagctcac	cctccggaga	gggagatggt	960
ggagaacttt	caccacaggg	ggtgagcaag	acactggatg	ggccggagag	caaccccttg	1020
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gaagagccat	cagaagtgcc	ggcaatacta	ccctgtcacc	attcctctcc	atgtctccaa	1140
gaatggccag	acagtgagcg	gtttggacgc	caactggtta	gagcacatga	gcgaccactt	1200
ccggaagga	ggcatgctgg	tgaacgcagt	cttctacctt	ggaatagtga	atgattcctt	1260
acatggcttg	acagatggag	tattcatctt	tgaagctgtt	tccacagaag	atagcaaaac	1320
catacagggc	tatgatgcta	ttgtggttga	acaatggaca	gtcctggaag	gtgtcgaagt	1380
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tgaggaagtc	agagagcttg	gtacggttga	agaaaactga	gtcttgggca	atttgtgcta	1980

aaactaggtg	agttgccaaa	cccaaggcat	cttaccaaca	gctgggttgg	gggctgggtt	2040
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tgagccctcc	cagggccagg	ttcctgacag	tggttggttt	tgacatcca	ctggaaagg	2160
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cctgtctctt	ctcttggtta	gttacttacg	gcaataaatc	atctatgagt	taaaaaaaaa	2940
a						2941

<210> 6212

<211> 2206

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2207)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2093)...(1184)

<223> similar to gill17984 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6212

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caatatecta	tgactccaaa	ttttatttat	cactctcctt	caagtctgaa	gaaaatgatt	180
aatttggtaa	gttccacaga	cagtacagtc	ccactgacat	aacatttagt	atgatgtcct	240
actctcatat	tagaattaag	gacagccagt	atcaaactgg	cctgaaacct	gattgtgttc	300
ctgggtcaga	atacctgtag	taaatctgta	aatccacacc	aagacacaac	attaaactag	360
ggtgtgtata	tcttataaaa	accttttcac	agtaaaaatc	aacattaaaa	ttttaccaa	420
ttccaacatt	atgggttttg	aatccaatta	agcttttcaa	atgcctgatt	agctgtgaat	480
taattataaa	taacttcatt	tagtttgccc	agcattttca	aatgggttat	gactatcatg	540
tttaaaatgt	caaagtatgc	tatacatatt	gcacttttct	gctaggctgg	gctagtatct	600
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gattaatttc	cctgaaatta	tcaacatcat	taccaaatac	ttccaggatt	ttgtaagatt	720
tgattcctta	aatacagttt	taaagttaaa	cttatggagg	gaaaaaaacc	ctcatagatt	780
gactgtaaat	tttacgtcct	tttttggtcc	ctcaatgacc	aaagagaatt	ttaaacaatt	840
tatgcttcat	gtttcctggc	ttaataaaaa	gctacaattt	ttattatcca	aattaagaaa	900

tattatacta	atcaaaagct	attaattttg	aaatgtctat	gtatgtctgt	ctgtaggtcc	960
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caagctattc	attttcattt	gtgttccact	gaagacatta	ctgaaatctg	tccaatgggt	1140
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ccggtccggt	aaccgcgctc	ctcgatcaaa	tcagctcggc	tcgactccgc	tccgcgtacg	2160
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<210> 6213

<211> 3572

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (142)...(1983)

<223> similar to gi5354054 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6213

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gtcgggccgc	agccgcgggc	aatgccgcga	aggaagagga	atgcaggcag	tagttcagat	180
ggaaccgaag	attccgattt	ttctacagat	ctcgagcaca	cagacagttc	agaaagtgat	240
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caagattcca	gtcctgttcg	aaatctgcag	tcttttgga	ctgaggagcc	ctgcttactc	360
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gccttcttct	gagtcctgaca	tagacatctc	cagccccaat	gtatctcacg	atgagagcat	600
tgccaaggac	atgtccctga	aggactcagg	cagtgatctc	tctcatccgc	ccaagcgcc	660
gtcgttcca	tgaagctac	aacttcaata	tgaagtgtcc	tacaccaggc	tgttaactctc	720
taggacacct	tacaggaaaa	catgagagac	atttctccat	ctcaggatgc	ccactgtatc	780
ataacctctc	aagctgacga	atgcaagggt	agagcacaga	acccgggata	agcagataga	840
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caaggcagaa	tggccacccc	tgccaaagtt	tgttctctct	ttcaacagtg	cctcaccctc	3060
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tttgtcacca	tccttctatt	ctctgggtctt	ctatttttgg	tgttgttcaa	gtgaaggaag	3180
agatgttccc	tctaatttct	ctctagccca	ttataacctg	ctatcttggg	gcaacttttg	3240
atgtatgaca	tgtaccctt	cccaacttgg	tctcctccaa	catgctgtct	tcatgtggag	3300
ccctcaccac	aatccctgac	tccggtcatt	tgtgcctttc	tcttgtcatc	tctgtacact	3360
acttatattc	actgtgggtt	gggggagcta	attttaagca	tgttcagtgg	cagctcccct	3420
ccagtttcag	tgtcactgtt	aaaattttatc	aaaaagcaac	ttcactaggg	gttttcttaa	3480
gggataaagg	cctttttacag	aagctaaacc	cttccccaca	tgtggtagaa	tgtgctcttc	3540
tatatctact	cctcaataaa	gcatgttctc	tg			3572

<210> 6214  
 <211> 1556  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1170)...(431)  
 <223> similar to gil397235 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6214

tttttttttc	atagttcata	gtttattaca	aatgcatatt	atccaactca	gtagaaatcc	60
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tttatatata	tattaaatat	atacatat	tgagacaggg	tctcgctgtc	acccaggctg	180
gagtgcagtg	gcacaatctc	agctcactgc	aacctctgcc	tcccagcctc	aagagatcct	240
cccacctcat	ccttctgagt	agctgggact	acatgcgcac	gccaccacac	ccagctatta	300
tttttatttc	ttttttaga	gacaagggct	cactatgttt	ctcaggctgg	tcttgaactc	360
ctggtctcaa	gtgatccttc	tgcttggcc	tcccaaagtg	ctggaattat	aggcatgagc	420
cactgagcct	ggcctgatta	tctgtttttt	gaatagtgc	cctaattgtc	ttttccagtt	480
ccagtaactt	ttgataaaat	ttttcagcag	tgtcttcac	taggtccac	ttctgggtca	540
taataataatt	tcttccaaag	ccagtgggtg	cactcagata	ttgatcaga	ggattgagag	600
attcaggctt	ttggtggaaa	agccatacca	gagcttctgt	tccattatat	ggtgtcaaag	660
tgaatgcatt	tgcaaaaaag	cgaagtagca	atattgccgg	catcaacagc	gtccatataa	720
acggaggcag	aattccatat	gtcaaattgg	tcaatgctgt	acctggacag	gccacattgg	780
aatagagacc	ctgctgggtg	aagttcctgt	tcaaagccac	actcaaaagg	tcagtggcat	840
atttgggaaga	gctgtagggt	tccttgccct	tgctgtgctg	gaagtccctg	aggctgaaat	900
tagatttctt	tgcattgcga	gatgatgtcc	agatgagctg	agatggattg	tcactgtgac	960
agaggagagg	ctccagttcc	cgaatcagga	taaaatggcc	aaagacatcg	gtctcaaaca	1020
cctcctgaag	tccatcagca	gtgatcttat	cacctgggt	cagcaggcct	tcagcttgaa	1080
aagaggccaa	agagaagtgc	tttgatattt	agttgtggat	taggcatgat	cccagcattt	1140
agatatatac	agtctaattc	ctgaaacctg	caagtaaacc	accaaacaag	attgtgagtt	1200
gcaagtaaaa	acatcaggac	aagattgtgt	attctatctc	tagagtgact	agattcaagg	1260
aggcctaaga	aagacaaaaa	atacttttta	aattaataaa	ttagcccaca	gcaagctcag	1320
agaattttat	agcccattag	agttacagca	tttctttctc	aacagttttt	cttttagctac	1380
agtaaacatt	tgagaattct	ttctttggta	gtggcttcaa	acagaatctg	tggagtcac	1440
gtggacttta	agtaaaacct	ctgatcaata	attccttcca	gctctgtcct	ctcaataagg	1500
aattgcagca	accctttaac	ttttaaaccc	cctctctca	tcttaccag	tctctt	1556

<210> 6215  
 <211> 2761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (197)...(2611)  
 <223> similar to gi2230871 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6215

gcccgactct	aacatggcgg	cgccctttgt	ctgctctgga	gtgccgtccc	cgcccttctc	60
gcggccgtga	tgcacctccc	tctgcggtgg	ggcccgagg	atggcaggta	atgagccgga	120
cgaggggagc	caagctggag	tttacacagg	caaactgtca	gaaaagagta	gcctgggctg	180



tctggaaatc	tgagccatgg	actttcccca	gcacagccag	catgtcttgg	aacagctgaa	240
ccagcagcgg	cagctggggc	ttctctgtga	ctgcaccttt	gtggtggacg	gtgttcactt	300
taaggctcat	aaagcagtg	tggcggcctg	cagcgagtac	ttcaagatgc	tcttcgtgga	360
ccagaaggac	gtggtgcacc	tggacatcag	taacgcggca	ggcctggggc	aggtgctgga	420
gtttatgtac	acggccaagc	tgagcctgag	ccctgagaac	gtggatgatg	tgctgcgccg	480
tggccacttt	cctccaaatg	caggacatca	tcacggcctg	ccatgccctc	aagtcaactg	540
ctgagccggc	taccagccct	gggggaaatg	cggaggcctt	ggccacagaa	ggaggggaca	600
agagagccaa	agaggagaag	gtggccacca	gcacgctgag	caggctggag	caggcaggac	660
gcagcacacc	cataggcccc	agcagggacc	tcaaggagga	gcgcggcggt	caggcccaga	720
gtgcggccag	cgggtgcagag	cagacagaga	aagccgatgc	gccccgggag	ccgccgcctg	780
tggagctcaa	gccagacccc	acgagtggca	tggctgcgcg	agaagctgag	gccgctttgt	840
ccgagagctc	ggagcaagaa	atggagggtg	agcccgcccc	gaaaggggaa	gaggagcaaa	900
aggagcaaga	ggagcaagag	gaggagggcg	cagggccagc	tgaggtcaag	gaggagggtt	960
cccagctgga	gaacggagag	gccccgagg	agaacgagaa	tgaggagtca	gcgggcacag	1020
actcggggca	ggagctcggc	tccgaggccc	ggggcctgcg	ctcaggcacc	tacggcgacc	1080
gcacggagtc	caaggcctac	ggctccgtca	tccacaagtg	cgaggactgt	gggaaggagt	1140
tcacgcacac	ggggaacttc	aagcggcaca	tccgcatcca	cacgggggag	aagcccttct	1200
cgtgccggga	gtgcagcaag	gccttttccg	acccggccgc	gtgcaaggcc	catgagaaga	1260
cgcacagccc	tctgaagccc	tacggctgcg	aggagtgcgg	gaagagctac	cgcctcatca	1320
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gcggcaagct	cttcaccacc	tcgggcaacc	tcaagcgcca	ccagctggtg	cacagcggcg	1440
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tcaaccaggt	agggaaacctg	aaggcccacc	tgaagatcca	catcgctgac	gggcccctca	1620
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tccacagcgg	ggagaagccc	tacgtgtgca	tccactgcca	gcgacagttt	gcagaccccg	1740
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gcggtaaggc	cttcacccag	gccagctccc	tcacgcacca	cgtgcgccag	cacaccgggg	1860
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atcatattcg	ccaccacgac	aacatccgcc	cacacaagtg	cagcgtgtgc	agcaaggcct	1980
tcgtgaacgt	gggggacctg	tccaagcaca	tcacattcca	cactggagag	aagccttacc	2040
tgtgtgataa	gtgtgggcgt	ggcttcaacc	gggtagacaa	cctgcgctcc	cacgtgaaga	2100
ccgtgcacca	gggcaaggca	ggcatcaaga	tcctggagcc	cgaggagggc	agtgaggtca	2160
gcgtggtcac	tgtggatgac	atggtcacgc	tggctaccga	ggcactggca	gcgacagccg	2220
tactcagct	cacagtgggtg	ccggtgggag	ctgcagtgac	agccgatgag	acggaagtcc	2280
tgaaggccga	gatcagcaaa	gctgtgaagc	aagtgcagga	agaagacccc	aacactcaca	2340
tcctctacgc	tgtgggactcc	tgtggggaca	agtttctgga	tgccaacagc	ctggctcagc	2400
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ctcctgaatg	tccccgcct	gccgagtgag	ctggcgcccc	ttctgactgt	ttatttaagg	2640
atggatggca	ccctggaacc	gggaagggtg	gcctgttccc	tagagagaat	aaattggatt	2700
atTTTTTaaa	aaaaaaaacc	tcgtgccaa	cttggggtaa	tgagtgtaat	cagctttcga	2760
t						2761

<210> 6216  
 <211> 1806  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (53)...(1202)

<223> similar to gi2505957 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6216

ggccaagt	tc	cgccatgctc	agggcactgt	cctgtaccga	gacagccaca	tcaccaacct	60
caaggggctg	aa	aacctcacca	cacctggtga	gagtgacggc	ttctgtgcca	acaagctgcg	120
tgtggccgtg	cc	gcgtgctca	gcagcggggg	acaggtggct	gtgcttgagc	tacggaagcc	180
tggccgcctg	ccc	gacacgg	cactgcccac	gctgcagaat	ggggcagctg	tgactgatct	240
ggcctgggac	ccctttgacc	ccc	atgcgct	cgctgtggct	ggtgaggacg	ccaggatccg	300
actgtggcgg	gtacccgcag	agggcctgga	agaggtgctc	accacgccag	agactgtgct		360
cacaggccac	acggagaaga	tctgctccct	gcgcttccac	ccactggcag	ccaatgtgct		420
ggcctcgctc	tcctatgacc	tactgttgcg	catctgggac	cttcaggctg	gagctgatcg		480
gctgaagctg	cagggccacc	aagaccagat	cttcagcctg	gcctggagtc	ctgatgggca		540
gcagctggcc	actgtctgca	aggatggcg	tgtgcgggtc	tacaggcccc	ggagtggccc		600
tgagcccctg	caggaaggcc	cagggcccaa	gggaggacgc	ggagctcgca	ttgtctgggt		660
atgtgatggt	cgctgtctgc	tgggtctctg	ctttgacagc	caaagtgagc	gccagctgct		720
cctatatgaa	gctgaggccc	tggccggcgg	acccttggca	gtgttgggce	tggacgtggc		780
tcctcaacc	ctgctgccc	gctacgaccc	agacactggc	ctggtgctcc	tgaccggcaa		840
gggcgacacc	cgtgtattcc	tgtacgagct	gctccccgag	ccccctttct	tcctggagtg		900
caacagcttc	acgtcgctg	acccccacaa	gggcctcgtc	ctcctgccta	agacggagtg		960
cgacgtgcgg	gaagtggagc	tgatgcgggtg	cctgcggctg	cgtcagtcct	ccctggagcc	1020	
tgtggccttc	cggctgcccc	gagtcgggaa	agagtctctc	caggatgacg	tgttcccaga	1080	
cacggctgtg	atctgggagc	ctgtgctcag	tgccgaggcc	tggctgcaag	gcgctaattg	1140	
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ccattcctgt	tggcacgcag	aatcctctgg	cctttgggag	ggtggagtg	ctgtgtcaat	1320	
cagtctctga	gccagtggag	ggcagggtctc	gtggtctgtg	ttttcatcac	aggtccccac	1380	
ccctaacaca	cacacacacg	cacacactgt	ggtgtctagg	gcagggtcta	tacagtgagg	1440	
ctccattgac	tgtaataacc	acctcttaga	tctgcgccat	agaaatcccc	tatgtcggcc	1500	
aggcgcggtg	gctcatgcct	gtaatcccag	cactttatga	ggctgaggcg	agtggatcac	1560	
ctgaggtcgg	gggtttgaga	ccagcctggc	caacatggtg	aaaccccatc	tctactaaaa	1620	
atacaaaatt	agcctggcgt	ggtgggcgcc	tgcaatccca	actactccag	aggctgaagc	1680	
aggagaattc	cttgaaccca	gaggaggcgg	aggttgcagt	cagcctaggt	cacatcattg	1740	
cactccagcc	tgggcaacaa	gagcaaaact	ccatctcata	aaaaaaaaaa	ggggggcgcc	1800	
tttaac						1806	

<210> 6217

<211> 3023

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (71)...(1928)

<223> similar to gi5596702 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6217

gcgggtgaac	gacgcttcgt	gcggcccgtc	tggctgctac	acataccagg	tgagcagaca	60
cagcacggag	atgctgcaca	acctgaacca	gcagcgcaaa	aacggcgggc	gcttctgcga	120
cgtgctcttg	cgggtaggcg	acgagagctt	cccagcgcac	cgcgagatg	ctggccgcct	180
gcagcgagta	ctttgagtcg	gtgttcagcg	cccagttggg	cgacggcgga	gctgcggacg	240
ggggctccggc	tgatgtaggg	ggcgcgacgg	cagcaccagg	cggcgggggc	gggggcagcc	300
gggagctgga	gatgcacact	atcagctcca	aggatatttg	ggacattctg	gacttcgcct	360
acacttcccc	catcgtgggt	cgcttggaga	gctttcccg	actcatgacg	gccgccaaagt	420
tctgtctgat	gaggctcggt	atcgagatct	gccaggaagt	catcaaacag	tccaacgtac	480
agatcctggt	acccctgcc	cgcgccgata	taatgctctt	tcgccccct	gggacctcgg	540
acttgggctt	ccctttggac	atgaccaacg	gggcagcctt	ggcagccaac	agcaatggca	600
tcgcccgcag	catgcagcca	gaggaggagg	cagctcgggc	ggctgggtgca	gccattgcag	660
gccaaagcctc	tttgctgtg	ttacctgggg	tggaccgctt	gcccattggtg	gctggacccc	720
tatcccccca	actgctgact	tccccattcc	ccagtgtggc	atccagtgcc	cctccccctga	780
ctggcaagcg	aggccggggc	cgcccaagga	aggccaacct	gctggactca	atgtttgggt	840
ccccaggggg	cctgagggag	gcaggcatcc	ttccatgcgg	tctatgtggt	aagggtgttca	900
ctgatgcaa	cgggctccgg	cagcacgagg	cccagcacgg	tgtaaccagc	ctccagctgg	960
gctacatcga	ccttctctct	ccgaggctgg	gtgagaatgg	gctaccatc	tctgaagacc	1020
ccgacggccc	ccgaaagagg	agccggacca	ggaagcaggt	ggcttgtgag	atctgcggca	1080
agatcttccg	tgatgtgtat	catcttaacc	ggcacaagct	gtcccactct	ggggagaagc	1140
cctactcctg	cctgtgtgt	gggttgcggt	tcaagagaaa	aagaccgcat	gttccttacc	1200
atgttgcggt	cccatgatgg	gggtccgtggg	caagccttac	atctgccaga	gctgtgggga	1260
aaggcttctc	caggcctgat	cacttgaacg	gacatatcaa	gcaggtgcac	acttctgagc	1320
ggcctcacia	gtgtcagacc	tgcaatgctt	cttttgccac	ccgagaccgt	ctgcgctccc	1380
acctggcctg	tcatgaagac	aagggtgccct	gccaggtgtg	tgggaagtac	ttgcgggcag	1440
catacatggc	agaccacctg	agaagcaca	gcgagggggc	cagcaacttc	tgagtatct	1500
gtaaccgaga	aggccagaaa	tgctcacatc	aggatccgat	tgagagctct	gactcctatg	1560
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tctcctgcga	catggcagtc	cccaaaaaca	aaatggagtc	tgatggggag	aagaagtacc	1680
catgccctga	atgtgggagc	ttcttccgct	ctaagtctta	cttgaacaaa	cacatccaga	1740
aggtgcatgt	ccgggctctc	gggggcccc	tgggggacct	gggcccctgcc	cttggctcac	1800
ctttctctcc	tcagcagaac	atgtctctcc	tcgagtcctt	tgggtttcag	attgttcagt	1860
cggcatttgc	gtcatcttta	gtagatcctg	aggttgacca	gcagcccattg	gggcctgaag	1920
ggaaatgagg	cagctgctgt	gtccccacgg	aaacaaccat	ctggggactg	ctgggaaatg	1980
ctgtgaatgc	ggagggaagt	gatgtttggg	ttctgtagct	gagagatttt	tattcatttt	2040
taactgcccc	ccaacccac	tccaactcct	tctccaccac	ccattctccc	aatggctctt	2100
agaaatagat	tttcatctga	tattctgcag	aaatatcaat	gagacttggg	atgggacagg	2160
ggcagaaaac	actacatagg	cctccaaggc	aaaaaccagt	tcccagtttc	tttaaattggg	2220
gaagaagctg	gaattcctgg	tgctcaattc	ttagtgacct	caatcctata	cccaaatacta	2280
tgatattctg	ggacctcagt	gattttggtc	ccctccact	tctctagttc	gtcatcctcc	2340
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gagccccctg	agctcagccc	tctgcctgga	gggtccaga	cctttctgag	ccctgcttgg	2520
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tcagttctta	cgtgatttta	accattcaac	atgctgttgg	gttttaattc	tctaattatt	2640
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aggtgataca	gagctctttg	taaaccgcag	tcacacatta	gggttagtat	taaactttgt	2760
ttagatgtac	cataattaac	ttggctagtt	gattgtttga	agtctatgga	agaaatagtt	2820
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gggaaccagg	aagggtgggac	agccggcagg	tagggacatt	gtgtacctca	gttgtgtcac	2940
atgtgagcaa	gcccaggttg	acctgtgtat	gtgaattgat	ctgatcagac	tgtattaaaa	3000
atgttagtac	attaaaaaaa	aaa				3023

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<210> 6218
<211> 1572
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1187)...(777)
<223> similar to gi5531821 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6218
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atatcaaaca tttcccgatc agctacaata ctgccactat gtacaaaaga tctgatgata      120
aatgtgcaca catataaaaa tacagtatgc attacttatg tacagtacat gtgcaaaatg      180
tatggcattc aaacatgata tggaattgat ttcaggggtg caaacagcaa atacaaaggc      240
atcatggttt ttctttttaa aaacaacata aaggcaatag atgaatggac ccccgattgc      300
cataattttt tgttgattaa actagtgtc ttcaacaagc ggctctgtag attgggtatct      360
ttctcctttt tttcataaag tgagatgcta agacataatg tgacaatgaa aataagaaga      420
gaaacaccta tcacattgca tttctattgc aagcaagaaa agaaaactaa tttctacata      480
gaaaaaaaaa tttgtattac tactgaatgt tactctttaa ccaacaaaac aactctatac      540
tattttacat gaaaacaata agagaaatat ctacatctta gtgaaaatta taaccttaaa      600
tgataataac ctttttgggg ctgatttttg agatctcatt agtctcaaat tttaaataaa      660
aagtgcctcc ttttggcaaa tacttggcaa tgcccttggt tcctttaaag caagtgtgca      720
ttactattgg ttacttgagg tcaagtactt ttggtagata ctaaaccctt tcctaaatgc      780
ttcctcttcc taccaaatta gcaagattcc ttacagcatc acgtagagag gtaattgtta      840
cgagtttcag tattctataa actttgttaa agctttgtct tagtagttgg cataaagctc      900
tgtaaacac tatagatgtg atgatatctc tgataacata ttttatttga tccccgacag      960
caccttgtag atccgagatt gccatcttat tgtcacaagg ctgtgacacc acagagcaaa     1020
gtgtttgcat ggagggtgaa agctcttctg taaacatgtg cagcttttctg aattgttaggc     1080
cttccatgaa agatttcagg tagaaacctt ttgtaatgat gtgtttccct ggatactgca     1140
agaaagggcg aatgtggaag aaacacgcac ctgctcattg ccatgcagac agagtcaactt     1200
tacaaataaa aatgtagctc agagagactg ctgaatgagc aagttattga aggtttgaac     1260
caggaaaaaa aaattactac atcttagttg ttttccagtt ttgactgaaa tcacttaaaa     1320
gatgagttga aatgcagtta ggatgctctc cagatacaca ctgatgcatt tgtaagctat     1380
gttccttgaa aaacctgacc ttccagttaa tgttctttga taattttggg ctaattctgt     1440
ggcctctagg gcggtgggac gatttgtatg ggtattctct tgtcagtatt caatattcat     1500
gtttacagta gcagatattg aaaaatggag ggttatttgt gaatttggtt aaattgacac     1560
atgttgctct gc                                         1572

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<210> 6219
<211> 5006
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (296)...(4701)
<223> similar to gi3043714 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6219

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<210> 6220

<211> 1169

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (97)...(1106)

<223> similar to gi5870328 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6220

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ccccactta	tcactcaggt	ccactgggtg	gtcctcccct	tccgagtgt	gctgggtactc	360
acctcacatc	gaggaataca	gatgtacgag	tccaatggct	acaccatgg	ctactggcat	420
gcactggact	ctggagatgc	ctccccagta	caggctgtgt	ttgcccggg	aattgctgcc	480
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<210> 6221

<211> 1627

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1628)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (939)...(789)

<223> similar to gil786168 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6221

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actgccgagc	ttgatttcca	ggaagggttg	tggaagtac	cgagtgcctt	ccatgcacct	180
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gccagaaaac	gttaggtgag	cagacatgcc	ccccatgcc	gtgggctgct	gtgagtgagg	1560
ataaagtgtg	tgttgggcat	agaaaccctg	gctgcccgcc	cacctgtgg	agacaagtgc	1620
agctcct						1627

<210> 6222

<211> 859

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (148)...(794)

<223> similar to gi4929242 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6222

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<210> 6223

<211> 4075

<212> DNA

<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (82)...(3172)  
 <223> similar to gil926311 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6223

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tcacgtgga	ggacgccaaa	gtcaagcaga	ggattgatta	cgccaacctg	accggaatct	2880

ctgtcagcag	cctgagcgac	agtctttttg	tgcttcatgt	acagcgtgcg	gacaataagc	2940
aaaagggaga	tgtggtgctg	cagagtgacc	acgtgattga	gacgctgacc	aagacagccc	3000
tcagtgccaa	ccgcgtgaac	agcatcaaca	tcaaccaggg	cagcatcacg	tttgcaaggg	3060
gccccggcag	ggatggcacc	attgacttca	cacccggtc	ggagctgctc	atcaccaagg	3120
ccaagaacgg	gcacctggct	gtggtcgccc	cacggctgaa	ttctcggtga	taaaggcgcc	3180
cactggaccc	tcccaacgcc	caatgctttg	cttttctcct	cctccccctc	ccagttacca	3240
aagactcgaa	cttcagaca	gggacccagg	gacaccccg	agccacactg	caatctccca	3300
cctcctgccc	atccctctct	tgaggagca	gcaggggcca	ggagctaccc	caggagtggg	3360
ccaggccggg	ccacagcaat	aggaaagcca	gggcccagagc	gagccatgcc	agccctactg	3420
ccgatgccaa	atatttgaga	gaagggaact	tttgctgagg	ttttctctga	ggtttttttg	3480
atgctttata	ggaaactatt	ttttaaaaaa	agccatttcc	caccaagga	cacagtggat	3540
gtgttttccc	tgactccagc	agggaagga	atgtagccga	gaggttgtgt	gggctgggct	3600
ctggtgccct	cttcctggc	caggacacct	ctcctcctga	ttcccttggc	accttgtctt	3660
tctgtctgtt	tacctgtctc	cctgcctgcc	catctgcctc	ttttgcagcc	cactctgact	3720
tccatctggg	ggctgagacc	acccttgcc	gcccccttct	ttctgcctta	agaatgtcct	3780
tttaggctgg	gcatgggtgg	tcacgcctgt	aaccccagca	ctttgggagg	cggagacggg	3840
cagataacct	gaggtcagga	tttcgagacc	aacctgacct	acatggagaa	actccgcctc	3900
tagtaaaaat	acaaaattag	ccgggcatgg	tggtgcacgc	ctctaatacc	agctactcgg	3960
gaggctgagg	caggagaatc	acttgaaccc	gggaagtgg	ggttgagtg	agccaagagt	4020
acaccactgc	actccagcct	gggcaacaga	gcgagactcc	gtcttaaaaa	aaaaa	4075

<210> 6224

<211> 1199

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1187)...(252)

<223> similar to gi4680695 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6224

tttttttttt	ttccttgatt	caaaaatata	atttatttta	aaaacaaaaa	gagggaatgg	60
atgcagaagc	ccgtctgggc	tttccttgga	gtcgcctctt	cccaatggcg	atggccgctc	120
cctgtggcct	cagcttcctc	cgtggaatga	aggggtccag	gtgacacctt	cctcgaaggg	180
tgggcgtggg	cctgaggctc	ccaagtcggc	caggggctcg	gcctggctca	gaagaggtgc	240
ttcacatcaa	cagtggtagc	gggtggccgc	tgggccctgg	gtagcgtggg	gtaggggtcg	300
ggggaagtgc	ctgtagggca	ggctgaagg	gtagaggggt	ctgtaacgtg	agtcctgcca	360
gagcagcttg	tcctccagga	aggcgacggt	gggcagcgctc	aggaccagcg	tctggtgctt	420
gagcatgctg	tgcacattta	ggccaacagc	cgggatcaag	ttgaaggtct	taagcctaga	480
ggtggcctcc	acgatgctct	gtggcatctc	ctcgtgtgtt	aagtccacga	ggagtacgga	540
gtccccccag	cggcggtagt	gcgccagctc	tgtcaggtac	tgtgggtctc	cgggtgggcag	600
ctctagggag	tccatgatgt	gcaggtcgctc	ctgggccagc	ttgacgggtca	gtgccacttt	660
gagaccagc	gcccgcacct	tcatgggcag	catgtagtag	taacttgttg	ggccccgggg	720
gccatgggca	acacctcctc	ctcgccagag	cggagagcgg	atgctgccat	gccggggccc	780
cccagtgcct	ttctgcgggc	aaggcttccg	gccaccgccc	cgcacctcgg	ctctcgtctt	840
ggtcttgcca	tagctaattc	tcttgaagtt	cttctgccac	atagcaacct	ggtgcagtat	900
gtccagcctg	ggcgcggtgg	cgaaaacatc	ggggtgcagg	tcggccaggc	ccacgcgctc	960
ctgctcgaag	ccccgcaagg	actcgaccca	ggcctgcact	gggcgtcgat	gagtggttac	1020

```

cgggagctcg actttgcgca gcacgggctc cgggagaccc tcgctcgcca cctgctccgg 1080
gttctcgggtc gcacgcgctg cctcttcgcg cagggaaactc aggccctggc tgccggtagg 1140
ccgaagccag gccgcgcgcc cgggccggac gaactgcagc atcgccgcgg acgcgtggg 1199

```

```

<210> 6225
<211> 676
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (52)...(510)
<223> similar to gi4929735 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6225
atccgggctc tgaccatgat ttggcgccgc gcggcgctgg cggggacgcg gctggtttgg 60
agcaggagcg gctcggcagg ctggcttgac agggcgcgcg gagctgcggg agctgcggca 120
gctgcggcct ctgggatgga gagcaatata tcatcatctt tggagaattt agcgacggcg 180
cctgtgaacc agatccaaga aacaatttct gataattgtg tggtgatttt ctcaaaaaca 240
tctgtttctt actgtacaat ggcaaaaaag cttttccatg acatgaatgt taactataaa 300
gtggtggaac tggacctgct tgaatatgga aaccagttcc aagatgctct ttacaaaatg 360
actggtgaaa gaactgttcc aagaatatct gtcaatggta cttttatttg aggtgcaact 420
gacactcata ggcttcacaa agaaggaaaa ttgctcccac tagttcatca gtgttattta 480
aaaaaaaaagt aaaaggaaa aatttcagtg atgtttatac taataagttt gctagtacag 540
tgtcagttat ttaaagtggg aatgcccgat aatgtctttt aaatgttttg agggatgttt 600
taaaatacat gcattgtctt cacgaagaag atgtaaaaat aatgaacaat aaattgcggt 660
ggaaacctct tcttaa 676

```

```

<210> 6226
<211> 1826
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1827)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (361)...(1359)
<223> similar to gi1079682 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6226
gaattcggca cgaggcaggt cgggcgggtac gacaggtcag agctgcggcc tgagcagcca      60
gcgtccggca tgaaggctct gggctctggct gctgcctgct tcttgctcca gcaccatgga      120
atgcctgcgc agtttaccct gcctcctgcc ccgcgcgatg agacttcccc ggcggacgct      180
gtgtgccctg gccttggaag tgacctctgt gggctcctccc gttgctgect gcggccgccc      240
agccaacctg attggaagga gccgagcggc gcagctttgc gggcccgacc ggctccgcgt      300
ggcaggtgaa gtgcaccggt ttagaacctc tgacgtctct caagccactt tagccagtgt      360
agccccagta tttactgtga caaaatttga caaacaggga aacgttactt cttttgaaag      420
gaagaaaact gaattatacc aagagttagg tcttcaagcc agagatttga gatttcagca      480
tgtaatgagt atcacagtca gaaacaatag gattatcatg agaatggagt atttgaaagc      540
tgtgataact ccagagtgtc ttctgatatt agattatcgt aatttaaact taaagcaatg      600
gctgttccgg gaactccctt cacagttgtc tggagagggg caactcgtta catacccttt      660
accttttgag tttagagcta tagaagcact cctgcaatat tggatcaaca cccttcaggg      720
gaaacttagc attttgcagc cactgatcct tgagaccttg gatgcttttg gggaccccaa      780
acattcttct gtagacagaa gcaaactgca cattttacta cagaatggca aaagtctatc      840
agagttagaa acagatatta aaattttcaa agagtcaatt ttggagatct tggatgagga      900
agagttgcta gaagagctct gtgtatcaaa atggagtgc ccacaagtct ttgaaaagag      960
cagtgcctggg attgaccatg cagaagagat ggagttgctg ttggaaaact actaccgatt     1020
ggctgacgat ctctccaatg cagctcgtga gcttaggggt ctgattgatg attcacaag      1080
tattattttc attaatctgg acagccaccg aaacgtgatg atgaggttga atctacagct     1140
gaccatggga accttctctc ttctcgtctt tggactaatg ggagttgctt ttggaatgaa     1200
tttggaatct tcccttgaag aggaccatag aatttttttg ctgattacag gaattatggt     1260
catgggaagt ggcctcatct ggagcgccct gctttcattc cttggacgac agctagaagc     1320
tccattgcct cctatggtat gaaggatatg gttcacggcg gtattgtgga agggttatga     1380
tcatgggccc taaagtcaga gcgcctggga ttaagttgtc acaggcacta tggcccttgc     1440
gagttgcttt ctcaaacttc cttcagtttc cctatctgtc agttaagtcg gtattacctg     1500
cttcataggg ttatgggaag aattaaaca tatgtgtaaa gcacttacta gcccactgcc     1560
taaccaata agttagaaat ataatttgtg tagaactctg acaacataca tttaaacaga     1620
tgttagtaat tctggtataa ggtttgtcat aaccaaattg aaatgtagga aacatttata     1680
atgttcttaa aagatagaaa attcccctcc attttctttg tacttgaaga tggcaccact     1740
ggaataaata cttaagacac tgaaaaaaa cctcgtgcc aagctggcgta agcaggtccg     1800
agactatcag tgggatcagg nncct                                     1826

```

<210> 6227

<211> 3354

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (49)...(1852)

<223> similar to gi5360093 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 6227
atacccggat cgaccacac gtccgggcgg gagtggcggt gcgcagggat ggcacaaaag      60
aaatatcttc aagcaaaatt gaccagttt ttaagggaag acaggattca actttgaaa      120
cctccatata cagatgaaaa taaaaaagtt ggtttggcat taaaggacct tgctaagcag      180

```

tactctgaca	gactagaatg	ctgtgaaaat	gaagtagaaa	aggtaataga	agaaatacgt	240
tgcaaggcaa	ttgagcgtgg	aacaggaaat	gacaattata	gaacaacggg	aattgctaca	300
atcgagggtg	ttttaccacc	aagactaaaa	aaagatagga	aaaacttggt	ggagacccga	360
ttgcacatca	ctggcagaga	actgaggtcc	aaaatagctg	aaacctttgg	acttcaagaa	420
aattatatca	aaattgtcat	aaataagaag	caactacaac	tagggaaaac	ccttgaagaa	480
caaggcgtgg	ctcacaatgt	gaaagcgatg	gtgcttgaac	taaaacaatc	tgaagaggac	540
gcgaggaaaa	acttccagtt	agaggaagag	gagcaaaatg	aggccaaact	caaagaaaaa	600
caaattcaga	ggaccaagag	aggactagaa	atactggcaa	agagagcagc	agagacagtg	660
gtggatccag	aaatgacacc	gtacttagac	atagctaacc	agacaggcag	atcaatcaga	720
attcccccat	cagaaagaaa	agcccttatg	ttagctatgg	gatatcatga	gaagggcaga	780
gctttcctga	aaagaaaaga	atatggaata	gccttgccat	gtctgttgga	cgctgacaaa	840
tattttctgtg	agtgttgag	agagctgctg	gacacagtgg	ataactatgc	cgctcctccag	900
ctggatatag	tgtggtgtta	cttccgcctg	gaacagctgg	aatgccttga	tgatgcagaa	960
aaaaaattaa	acttggccca	gaaatgcttt	aaaaattggt	acggagaaaa	tcatcagaga	1020
ctggtccaca	taaaaggaaa	ttgtgggaaa	gagaaggtag	tgtttctaag	actctactta	1080
cttcaaggga	tccgaaacta	tcacagtggg	aatgatgtag	aggcttatga	gtatcttaac	1140
aaggcacgtc	agctctttta	agagctatat	attgatccat	caaaagtggg	caatttggtg	1200
cagttggggg	ttactgcccc	ggaagcccgg	cttggcctga	gggctgtgga	tgggaacgtg	1260
gatcatgcgg	ccactcatat	taccaaccgc	agagagggaac	tggcccaaat	aagggaaggag	1320
gaaaaagaga	agaaaagacg	ccgcctcgag	aacatcaggt	ttctgaaagg	gatgggctac	1380
tccacgcacg	cgcccagca	gattctgctc	agcaatcctc	agatgtgggtg	gttaaatgat	1440
tccaatcctg	aaaccgacaa	ccgtcaagaa	agtccttccc	aggaaaacat	tgaccgattg	1500
gtgtacatgg	gttttgatgc	actcgtggcc	gaagctgcgc	tgagagtgtt	cagaggcaac	1560
gtccagctgg	ccgccagac	ccttgctcac	aacggaggaa	gcctgcctcc	cgagctgccg	1620
ctgtcgccag	aagactcttt	gtccccgcca	gccacgtccc	cttctgactc	cgcaggaacc	1680
tctagtgcct	caacagacga	agacatggag	acagaggccg	tcaatgagat	actggaagac	1740
attccagagc	atgaggaaga	ctatcttgac	tcaactctgg	aagatgaaga	aattattatt	1800
gcagagtacc	tatcctatgt	agaaaatagg	aagtcagcga	caaagaaaaa	ctaaataatg	1860
aacagaaata	gcgctaattt	tctgcttata	aatgctatca	ttatgaaaag	gctaattgcag	1920
ctctttctgt	tcttactttt	tatctgaatt	acaagtcctc	tttgggtgta	ggaggggggtg	1980
ggcaggggac	aagtccagga	gggggtccag	ggccttcatg	cgtgggtctcg	gggaagaagc	2040
ttcctctggc	ctggcgagag	ccgttccatc	tgcctcccag	gtctgcgtcc	ctaaccctt	2100
ccccagcttg	gtgttttacc	ccgaaacagg	aagggaacagg	ggtcctgtaa	aacagggggtc	2160
ctgggggaagg	tgtccagggc	aggggtcctg	gaagggtgtc	ccgaccgctt	cctctccagc	2220
tgtggctcca	tctgcccagc	ttgcctgcct	cctgcaccca	ctgccctgac	cttccctgctt	2280
cccacgtgc	catctctgcc	aggggtgccac	atgggttcc	gtgccaccct	ttccccgcc	2340
ctcaaategt	cctttaagtc	ttccttccaa	gtgctgtggg	gcataacgat	gaggcgctgg	2400
ccttgggggc	cacaccaggt	cgcagcaaat	ggcttcagcc	tgggacgcca	gtgttttatg	2460
ctcttagttc	agtaaaaatac	gccccgaaa	ttcaagattg	agtgtcaggc	tttatatata	2520
ttcagcattc	ctcattacag	aaatcttcta	ttgaatggga	aagggtttaa	tgctaaccaa	2580
agcaatttat	ttttaattaa	tattttttaga	ctctgtgctg	tcatactgaa	ctcactgcta	2640
gctaagagac	ctatcagaga	tttagatata	ttttctccag	gttttttgtg	ggttttcttt	2700
gttgttgttg	ttgttctagc	catgtgacag	aggctctttc	taaaagtatg	tagttcgctg	2760
tgtgtcggct	ccagcagtaa	ccgtcctcac	tgcgccacgc	actcctctgt	agatgtgtgc	2820
ccagtgggag	ttccttccag	ccccaggacc	gcagcagcag	ccagggtgccg	agtggattga	2880
gtgccaggtg	catccaagac	tttccctccc	ttccagaagg	cactgactga	agacaggatg	2940
gatcatgcgg	agccggctga	aatgctccaa	cttttttcaa	gtgtgggtgg	tccagtttgg	3000
actgatggga	atcttcttgt	cattcttttt	aaacggatga	taccgatgga	aataaaaagg	3060
gggaaatata	ttcaaaaaaa	aaaaaaagg	gggccctttt	aaaagaaccc	ttggggggcc	3120
caaatttacc	cgggggttggc	aaggtaaaat	ttttttcctt	atggggggcc	tttttaaac	3180
ctccttggga	tttttgga	ggaacctttt	ttttgggggg	gggacttatt	ggcccccccc	3240
ccctccaaaa	tttaagcct	ttagggaaaa	aaaaaatctt	taaggggaaa	aggggggaaa	3300
ccaaccccaa	ttccttggct	gttaaaaaat	tttctttccg	gagtagaatt	aaga	3354

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<210> 6228
<211> 933
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (77)...(747)
<223> similar to gi5138924 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6228
cgtcggaact cggccgcggg acatccacgg ggcgcgagtg acacgcggga gggagagcag      60
tggtctgctg gagccgatgc caaaaacccat gcattttctta ttcagattca ttgttttctt    120
ttatctgtgg ggccttttta ctgctcagag acaaaagaaa gaggagagca ccgaagaagt      180
gaaaatagaa gttttgcatc gtccagaaaa ctgctctaag acaagcaaga agggagacct      240
actaaatgcc cattatgacg gctacctggc taaagacggc tcgaaattct actgcagccg      300
gacacaaaat gaaggccacc ccaaatggtt tggtcttggt gttgggcaag tcataaaaagg      360
cctagacatt gctatgacag atatgtgccc tggagaaaag cgaaaagtag ttataccccc      420
ttcatttgca tacggaaagg aaggctatgc agaaggcaag attccaccgg atgctacatt      480
gatttttgag attgaacttt atgctgtgac caaaggacca cgaaagcatt gagacattta      540
aacaaataga catggacaat gacaggcagc tctctaaagc cgagataaac ctctccttgc      600
aaaggggaatt tgaaaaagat gagaagccac gtgacaagtc atatcaggat gcagtttttag      660
aagatatatt taagaagaat gaccatgatg gtgatggctt catttctccc aaggaatata      720
atgtatacca acacgatgaa ctatagcata ttgtattttc tacttttttt ttctagctat      780
ttactcgtac tttatgtata aaacaaagtc acttttctcc aagttgtatt tgctattttt      840
cccctatgag aagatatatt gatctcccca atacattgat tttggtataa taaatgtgag      900
gctgttttgc aaacttaaaa aaaagtcgac gcg                                     933

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```

<210> 6229
<211> 1083
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (110)...(610)
<223> similar to gi4200249 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6229
ggcgggaccg gacttcgcgg tgggtctgtgg ggtttcgggt tcgggggtttc ctggtgggcg      60
tcaggggagc gcaacagagt ggcggccgct acggccctgg aacggggcca tggagaagct      120
gcggcgagtc ctgagcggcc aggacgacga ggagcagggc ctgactgcgc aggattcaca      180
gattaatctc ttgaggtcct ggatgcctca tcccttagtt tcaacaccag attgaaatgg      240
tttgccatct gcttcgtatg tggcgttttc ttttctattc ttggaactgg attgctgtgg      300

```

cttccggg	gcataaagct	ttttgcagtg	ttttataccc	toggcaatct	tgctgcgtta	360
gccagtacat	gctttttaat	gggacctgtg	aagcaactga	agaaaatggt	tgaagcaaca	420
agattgcttg	caacaattgt	tatgcttttg	tgtttcatat	ttacctgtg	tgctgctctt	480
tggtggcata	agaagggact	ggctgtgtta	ttctgcatat	tgagttctt	gtcaatgacc	540
tggtatagcc	tgcatacat	cccatatgca	agggatgcag	ttattaaatg	ctgttcttct	600
ctcctaagtt	gaaaatcaga	aacttgtgga	aaagagcact	tgaatgttgg	tactctatgt	660
ttggtgaagt	ttgcttttcc	ccataaaaaca	ctccaggaac	aactgacgtg	acagttgaag	720
accgttttgt	actaagtctc	attttgtata	ctggtaaaaa	ctacatgctt	gattaaacca	780
ttaaatgctt	gtaacttta	attcattatg	tgctattaat	atacttttcc	aaagataaga	840
tttttaaatca	ctgccagttg	taaattat	ttagccaatt	tttaaattctt	ttcaaagcag	900
ctttgaaatg	tgaatattta	aaggtagacc	tgctgtgcaa	gataattaaa	cttttttgct	960
tttaaaaaaa	gtctgcattt	ttaagatttt	ttttacttta	aatgtgaaac	ttattttaag	1020
ctaaaaattg	cttattatat	gtaataaaaa	taatataata	atctttacaa	ttttgaaata	1080
aac						1083

<210> 6230

<211> 1981

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1982)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (7)...(1567)

<223> similar to gi3451240 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6230

acagagatgg	cactgatgca	ggaactgtat	agcacaccag	cctccaggct	ggactccttc	60
gtggctcagt	ggctgcagcc	ccaccgggag	tggaaggaag	aggtgctaga	cgctgtgcgg	120
accgtggagg	agtttctgag	gcaggagcat	ttccagggga	agcgtgggct	ggaccaggat	180
gtgcgggtgc	tgaaggtagt	caagggtggc	tccttcggga	atggcacggt	tctcaggagc	240
accagagagg	tggagctggg	ggcgtttctg	agctgtttcc	acagcttcca	ggaggcagcc	300
aagcatcaca	aagatgttct	gaggctgata	tggaaaacca	tgtggcaaag	ccaggacctg	360
ctggacctcg	ggctcgagga	cctgaggatg	gagcagagag	tccccgatgc	tctcgtcttc	420
accatccaga	ccagggggac	tgccggagccc	atcacgggtca	ccattgtgcc	tgccacacaga	480
gccctggggc	cttctcttcc	caactcccag	ccacccctcg	aggtctatgt	gagcctgac	540
aaggcctgcg	gtggctcctg	aaatttctgc	ccatccttca	gcgagctgca	gagaaatttc	600
gtgaaacatc	ggccaactaa	gctgaagagc	ctcctgcgcc	tggtgaaaca	ctggtaccag	660
cagtatgtga	aagccagggtc	ccccagagcc	aatctgcccc	ctctctatgc	tcttgaactt	720
ctaaccatct	atgcctggga	aatgggtact	gaagaagacg	agaatttcat	gttgagcga	780
ggcttcacca	ctgtgatgga	cctgctcctg	gagtatgaag	tcatctgtat	ctactggacc	840
aagtactaca	cactccacaa	tgcaatcatt	gaggattgtg	tcagaaaaca	gctcaaaaaa	900
gagaggccca	tcatcctgga	tccggccgac	cccaccctca	acgtggcaga	agggtagaca	960
tgggacatcg	ttgctcagag	ggcctcccag	tgctgaaac	aggactgttg	ctatgacaac	1020
agggagaacc	ccatctccag	ctggaacgtg	aagagggcac	gagacatcca	cttgacagtg	1080

gagcagaggg	gttaccaga	tttcaacctc	atcgtgaacc	cttatgagcc	cataaggaag	1140
gttaaagaga	aaatccggag	gaccaggggc	tactctggcc	tgcagcgtct	gtccttccag	1200
gttcctggca	gtgagaggca	gcttctcagc	agcaggtgct	ccttagccaa	atatgggatc	1260
ttctcccaca	ctcacatcta	tctgctggag	accatccctt	ccgaagatcc	aggtcttcgt	1320
gaagaatcct	gatggtggga	agctacgect	atgccattca	accccccaaca	gcttcatcct	1380
gggtctgaag	cagcagattg	aagacccanc	aggggcttcc	taaaaaggca	gcagcagctg	1440
gaattcccaa	ggccaaagtc	ctgcaaggac	tgggtggggg	ctggggattt	tatggcatcc	1500
aagacaagtg	acactctcaa	tctctcggga	agaagaaagg	agaggctctg	tttccagcca	1560
gttagttttc	tctgggagac	ttcttctgta	catttctgcc	atgtactcca	gaactcatcc	1620
tgtcaatcac	tctgtcccat	tgtctactgg	gaaggctcca	ggtcttcacc	agttttacaa	1680
tgagttatcc	caggccagac	gtggtggctc	acacctgtaa	tcccagaact	ttgggaggcc	1740
gaggtgggag	gagcgttga	gccgaggagt	tcaagaccag	cctgggtatc	acagggagac	1800
cccgtctcta	caaaataaaa	aaataattca	ctgggtgtgg	ttgtgcacat	ttgtggtctc	1860
aggcactcgg	gaggctgagg	cagaagaatc	gcttgagccc	aggaggctga	ggctgcagtg	1920
agctgtgata	acaccgctac	tctcctgccc	aggccacaga	gcatgaccct	gtgtctaaaa	1980
a						1981

<210> 6231

<211> 1390

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (109)...(1101)

<223> similar to gil78067 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6231

acttcccagg	ggctatataa	cccttcagct	ttcagcttcc	ctgaacacca	cccagtgtgg	60
agcagcccag	ccaagcactg	tcaggaatcc	tgtgaagcag	ctccagctat	gtgtgaagaa	120
gaggacagca	ctgcccttgg	gtgtgacaat	ggctctgggc	tctgtaaggc	cggctttgct	180
ggggacgatg	ctcccaggc	tgttttccca	tccattgttg	gacgtcccag	acatcagggg	240
gtgatggtgg	gaatgggaca	aaaagacagc	tacgtgggtg	acgaagcaca	gagcaaaaga	300
ggaatcctga	ccctgaagta	cccgatagaa	catggcatca	tcaccaactg	ggacgacatg	360
gaaaagatct	ggcaccactc	tttctacaat	gagcttcgtg	ttgcccctga	agagcatccc	420
accctgctca	cggaggcacc	cctgaacccc	aaggccaacc	gggagaaaat	gactcaaatt	480
atgtttgaga	ctttcaatgt	cccagccatg	tatgtggcta	tccaggcggt	gctgtctctc	540
tatgectctg	gacgcacaag	ctggcatcgt	gctgtactct	ggatatgggt	tcaccacaaa	600
tgtccccatc	tatgagggtc	atgctttgcc	ccatgccatc	atgcgtctgg	atctggctgg	660
ccgagatctc	actgactacc	tcatgaagat	cctgactgag	cgtggctatt	ccttcgttac	720
tactgctgag	cgtgagattg	tccgggacat	caaggagaaa	ctgtgttatg	tagctctgga	780
ctttgaaaat	gagatggcca	ctgccgcatg	gtcatcctcc	cttgagaaga	gttacgagtt	840
gcctgatggg	caagtgatca	ccatcggaat	tgaacgtttc	cgctgcccag	agaccctggt	900
ccagccatcc	ttcatcgggg	tggagtctgc	tggcatccat	gaaaccacct	acaacagcat	960
catgaagtgt	gatattgaca	tcaggaagga	cctctatgct	aacaatgtcc	tatcaggggg	1020
caccactatg	taccctggca	ttgccgaccg	aatgcagaag	gagatcacgg	ccctagcacc	1080
cagcaccatg	aagatcaaga	tcattgcccc	tccggagcgc	aaatactctg	tctggatcgg	1140
tggctccatc	ctggcctctc	tgtccacctt	ccagcagatg	tggatcagca	aacaggaata	1200
cgatgaagcc	gggccttcca	ttgtccaccg	caaatgcttc	taaaacactt	tctgtctect	1260



ctctgtctca	tgacacacaac	tgtgaatgtc	ctgtggaatt	atgccttcag	ttcttttcca	1320
aatcattcct	agccaaaagct	ctgactcggt	acctatgtgt	tttttaataa	atctgaaata	1380
ggctactggg						1390

```

<210> 6232
<211> 2018
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1502)...(1718)
<223> similar to gill160613 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6232						
tttttttttt	ttcatagtaa	tgtaaaacca	tttgtttaat	tctaaatcaa	atcactttca	60
caacagtga	aattagtga	tggttaagg	gtgccactgt	acatatcatc	atcttctgac	120
tggtgtcagg	acctgtcct	agtccacaag	ggtggcagga	ggagggtgga	ggctaagaac	180
acagaaaaca	cacaaaagaa	aggaaagctg	ccttggcaga	aggatgaggt	ggtgagcttg	240
ccgaaggatg	gtgggaagg	ggctccctgt	tggtggcag	ccaggagtc	caagtcagct	300
ctcctgcctt	acttagctcc	tggtcagagg	tgagtgggga	cctacgaggt	tcaaaatcaa	360
atggcatttg	gccagcctgg	ctttactaac	aggttcccag	agtgcctctg	ttggctgagc	420
tctcctgggc	tcactccatt	tcattgaaga	gtccaaatga	ttcattttcc	taccacacac	480
ttttcattat	tcttctggaa	acccatttct	gttgagtcca	tctgacttaa	gtcctctctc	540
cctccactag	ttggggccac	tgactgagg	gggtcccac	caattctctc	tagagaagag	600
acactccaga	ggccctgca	actttgcgga	tttccagaag	gtgataaaaa	gagcactctt	660
gagtgggtgc	ccaggaatgt	ttaaaatcta	tcaggcacac	tataaagctg	gtggtttctt	720
cctaccaagt	ggattcggca	tatgaaccac	ctactcaata	ctttatattt	tgtctgttta	780
aacactgaac	tctggtgttg	acaggtacaa	aggagaagag	atggggacta	tgaagagggg	840
agggcttccc	tcactctcct	caagatcttt	gtttccacaa	actatgcagt	cataattgag	900
aaaaagcaat	agatggggct	tctaccatt	tggtgttat	tgctgggggt	agccaggagc	960
agtgtggatg	gcaaagtagg	agagaggccc	agaggaaagc	ccatctccct	ccagctttgg	1020
ggtctccaga	aagaggctgg	atttctggga	tgaagcctag	aaggcagagc	aagaactgtt	1080
ccaccagggt	aacagtccta	cctgcttggt	accatagtcc	ctcaataaga	ttcagaggaa	1140
gaagcttatg	aaactgaaaa	tcaaatcaag	gtattgggaa	gaataatttc	ccctcgattc	1200
cacaggaggg	aagaccacac	aatatcattg	tgctggggct	ccccaaaggc	ctgccacctg	1260
gctttacaaa	tcactcaggg	ttgcctgctt	ggcagtcaca	tgcttccctg	gttttagcac	1320
acatacaagg	agttttcagg	gaactctatc	aagccatacc	aaaatcaggg	tcacatgtgg	1380
gtttcccctt	tccttgcttc	ttcataaaag	acaacttggc	ttctgaggat	ggtgggtctt	1440
tgcatccagt	tggtgtgacc	tgacaaagcc	cccagtttcc	tggtggcagg	tctgggagag	1500
gatgcattca	agcttctgca	gcctagggga	cagggtctgt	tggttcagta	ttactgcctc	1560
ggagctccaa	atcccaccaa	agtcctgact	ccaggctctt	cctaattgcac	agtagtcagt	1620
ctcagcttcg	gcagtattct	cggctgtatg	ttctctggca	gagagaggca	gatgaacata	1680
gttttaggga	gaaagctgat	gggaaacctg	tgagttaagc	cacatgtctc	cccaggaata	1740
atztatgcca	ggaaaccagg	aagtcattca	agttgttctc	tgaggccaaa	gacactgagc	1800
acagcccaga	gccaataaaa	gatcttttag	tctctgggtga	attcacgaag	tgaccccagc	1860
tttagctact	gcaattatga	tttttatggg	acagcaattt	cttgcacctc	tacagaggaa	1920
gaagaggggg	agtgggaggg	gaaggaaaga	gaacagagcg	gcactgggat	ttgaaagggg	1980
aacctctcta	tctgaggagc	ccccactggc	ttcagaag			2018

<210> 6233  
 <211> 1583  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (97)...(1328)  
 <223> similar to gil785654 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 6233
aggaacgaga gcgagcgga gcacagtcgg cggagcaca gctccagcat cccgtcaggg      60
ggtgcaggtg tgtgggaggc ttgaaactgt tacaatatgg ctttccttgg actcttctct      120
ttgctggttc tgcaaagtat ggctacaggg gccactttcc ctgaggaagc cattgctgac      180
ttgtcagtga atatgtataa tcgtcttaga gccactgggtg aagatgaaaa tattctcttc      240
tctccattga gtattgctct tgcaatggga atgatggaac ttggggccca aggatctacc      300
cagaaagaaa tccgccactc aatgggatat gacagcctaa aaaatgggtga agaattttct      360
ttcttgaagg agttttcaaa catggtaact gctaaagaga gccaatatgt gatgaaaatt      420
gccaatccct tgtttgtgca aaatggattt catgtcaatg aggagttttt gcaaattgatg      480
aaaaaatatt ttaatgcagc agtaaattcat gtggacttca gtcaaaatgt agccgtggcc      540
aactacatca ataagtgggt ggagaataac acaaacaatc tgggtgaaaga tttggtatcc      600
ccaagggatt ttgatgctgc cacttatctg gccctcatta atgctgtcta tttcaagggg      660
aactggaagt cgagtttag gcctgaaaat actagaacct tttctttcac taaagatgat      720
gaaagtgaag tccaaattcc aatgatgtat cagcaaggag aattttatta tggggaattt      780
agtgatggct ccaatgaagc tgggtggtatc taccaagtc tagaaatacc atatgaagga      840
gatgaaataa gcatgatgct ggtgctgtcc agacaggaag ttctctctgc tactctggag      900
ccattagtca aagcacagct ggttgaagaa tgggcaaact ctgtgaagaa gcaaaaagta      960
gaagtatacc tgcccaggtt cacagtggaa caggaaattg attttaaaga tgttttgaag     1020
gctcttgaaa taactgaaat tttcatcaaa gatgcaaatt tgacaggcct ctctgataat     1080
aaggagattt ttctttccaa agcaattcac aagtccttcc tagaggttaa tgaagggct     1140
cagaagctgc tgctgtctca ggaatgattg caattagtag gatggctgtg ctgtatcctc     1200
aagttattgt cgaccatcca tttttcttcc ttatcagaaa caggagaact ggtacaattc     1260
tattcatggg acgagtcatg catcctgaaa caatgaacac aagtggacat gatttcgaag     1320
aactttaagt tactttattt gaataacaag gaaaacagta actaagcaca ttatgtttgc     1380
aactggtata tatttaggat ttgtgtttta cagtatatct taagataata tttaaaatag     1440
ttccagataa aaacaatata tgtaaattat aagtaacttg tcaaggaatg ttatcagtat     1500
taagctaata gtctgtttat gtcattgtgt ttgtgtgctg ttgtttaaaa taaaagtacc     1560
tattgaacat gtgaaaaaaa aaa                                     1583

```

<210> 6234  
 <211> 1788  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1510)...(594)  
 <223> similar to gi36613 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6234

tttttttttt	ttcaggaaca	taccacgttt	atctcttggt	gtcaagccag	aatgaacca	60
aaagaagcac	atctcaggtg	aaggaacaac	tccttattgc	agtcatagcc	cagctctcct	120
gggatccggg	gaacgccctc	tctcctctcc	ctcactccct	cctgtttaac	ttgggactga	180
actggaactc	aactcttccc	ccaaacattt	taaatccaaa	aagaccagca	gggggcgccc	240
tttcctcagg	gtctggccct	gcaggcaggg	caggtgaggg	cctgaatacc	cacaccagc	300
tctggcaggc	cccctgcctt	caacttgga	cttggtccag	tgcccgggga	cccctcgtgc	360
atggagcatc	tgtgcctcta	ttttgaaacg	gcaccgtcca	acccaaaaaa	caacacagga	420
tctcgtaac	ctgcgggcag	gactaaccga	gactcagccc	tctgcaggct	gatgctgaat	480
tccttagtgc	tttgctctcc	ccagatgcat	cctctcttgg	caatgggtag	gaggcagctg	540
gggcagcagc	tgtgctcga	gaaaggatct	gagtggtggc	ttgacattct	caatggcgga	600
atcgctgcag	cacatactgg	cgggcagctg	gggagggctc	aggggatgag	aagtacgggt	660
gggccagggc	agtcttggtc	gtgatccgct	ggctggggtc	atactgcagg	agttgcatga	720
gcaggtcctc	gccctctggc	tccagattgg	gcacaatctc	ttccagtcce	ttcctgggtc	780
acttagggaa	gctgccctta	tagtcaggca	gctgggtgac	cccgggccat	gtgtcttcgc	840
tgggtgtccc	cagcatacga	aagatacgaa	agagcttggt	caatctcaag	agtcaccagg	900
aaacagggct	tttcgagtca	ccatctctgc	aaagatgcaa	ccaatgctcc	agatatccac	960
agctgtggta	tagaacctgg	ttgccaagag	aatctcgggg	gcgcgatacc	acagtgtcac	1020
cacctcatgg	gtgtaggtgc	gcaggggcac	cccgaaggcg	cgagccaggc	cgaagtcagc	1080
cagcttgatg	gcacccaact	cattgatgag	caggttctgg	ggcttcaggt	ctcgggtggat	1140
gacccgatgt	gagtggcaga	aactcacccc	ctgcagcagc	tggaagaggt	agctcttgat	1200
gaggtgcagg	gggagctctg	agcctggggg	ggagtccatg	tacttcttca	ggtcctggct	1260
gaggaactca	aacaccagat	agagcttcc	ctcgttgtgc	accacgtcca	gcagtctgac	1320
gatgttgggg	tgcttcagtt	ccttgagcag	cgagatctcc	ctgatggcag	tgcttgggac	1380
cccctccatc	tccaaatcca	gtctgatctt	cttcagggcc	accagctgcc	ctgtctccct	1440
gttcttggcc	ttgtacacca	ccccataggt	gccctctccg	atcttctcta	ccttctggaa	1500
catatccatg	gccacagagc	tgcttgggaa	acagaaggca	ctgggcaatt	tgcaccccac	1560
gcccagcgct	cccgttgctc	ctccagcttc	catgtggcgc	cctgcccagc	ccagcccagc	1620
ccagactgcc	cagctcccaa	ggccctcggc	ctagccaccc	caaccccagc	tcactcctgcc	1680
tgggaacctg	gctgggggtc	ggccaccccc	cctcaccag	cccagccccc	ccttcaaggg	1740
ggtcaggggg	cccccttaac	accagaccag	ttcagccagg	acccccag		1788

<210> 6235  
 <211> 2176  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (96)...(1884)  
 <223> similar to gi1854512 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 6235
attggcacca gggttactgg gagggggcctt gctgtggccc tgtcaggaag agtagagctc      60
tgggtccagct cgcgcgaggg agggagggctg tcaccatgcc ggccctgctgc agctgcagtg      120
atgtttttcca gtatgagacg aacaaagtca ctcgatcca gagcatgaat tatggcacca      180
ttaagtgggtt cttccacgtg atcatctttt cctacgtttg ctttgcctctg gtgagtgcaca      240
agctgtacca gcggaagag cctgtcatca gttctgtgca caccaagggtg aaggggatag      300
cagaggtgaa agaggagatc gtggagaatg gagtgaagaa gttgggtgcac agtgtctttg      360
acaccgcaga ctacaccttc cttttgcagg ggaactcttt cttcgtgatg acaaactttc      420
tcaaaacaga gggccaagag cagcggttgt gtcccgagta tcccacccgc aggacgctct      480
gttcctctga ccgaggttgt aaaaagggat ggatggaccc gcagagcaaa ggaattcaga      540
ccggaagggtg tgtagtgcac gaaggggaacc agaagacctg tgaagtctct gcctgggtgcc      600
ccatcgaggc agtgggaagag gccccccggc ctgctctctt gaacagtgcg gaaaacttca      660
ctgtgctcat caagaacaat atcgacttcc cgggccacaa ctacaccacg agaaacatcc      720
tgccagggtt aaacatcact tgtaccttcc acaagactca gaatccacag tgtcccattt      780
tccgactagg agacatcttc cgagaaacag gcgataattt ttcagatgtg gcaattcagg      840
gcggaataat gggcattgag atctactggg actgcaacct agaccgttgg tcccatcact      900
gccatcccaa atacagtttc cgtcgccttg acgacaagac caccaacgtg tccttgtagc      960
ctggctacaa cttcagatac gccaaagtact acaaggaaaa caatgttgag aaacggactc     1020
tgataaaagt cttcgggatc cgttttgaca tcctggtttt tggcacccga ggaaaatttg     1080
acattatcca gctggttgtg tacatcggct caacctcttc ctacttcggt ctggccgctg     1140
tgttcacgca cttcctcatc gacacttact ccagtaactg ctgtcgtctc catatttatc     1200
cctggtgcaa gtgctgtcag ccctgtgtgg tcaacgaata ctactacagg aagaagtgcg     1260
agtccattgt ggagccaaag ccgacattaa agtatgtgtc ctttgtggat gaatcccaca     1320
ttaggatggt gaaccagcag ctactaggga gaagtctgca agatgtcaag ggccaagaag     1380
tccaagacc tgcgatggac ttcacagatt tgtccaggct gcccctggcc ctccatgaca     1440
caccctcgat tcctggacaa ccagaggaga tacagctgct tagaaaggag gcgactccta     1500
gatccaggga tagccccgtc tggtgccagt gtggaagctg cctcccatct caactccctg     1560
agagccacag gtgcctggag gagctgtgct gccggaaaaa gccggggggc tgcacacca     1620
cctcagagct gttcaggaag ctggctcctgt ccagacacgt cctgcagttc ctctgctct     1680
accaggagcc cttgctggcg ctggatgtgg attccaccaa cagccggctg cggcactgtg     1740
cctacagggt ctacgccacc tggcgcttcg gctcccagga catggctgac tttgccatcc     1800
tgccccagct cgtgccgctg gaggatcccg gaaagagttt ccaaagagtg aagggcagta     1860
cagtggcttc aagagtcctt actgaagccc aggcaccgtg gctcacgtct gtaatcccag     1920
cgctttggga ggccgaggca ggcagatcac ctgaggtcgg gagttggaga cccgcctggc     1980
taacaaggcg aaatcctgtc tgtactaaaa atacaaaaat cagccagaca tgggtggcatg     2040
cacctgcaat ccagctact cgggagggct aggcacaaga atcacttgaa cccgggaggc     2100
agaggttgta gtgagcccag attgtgccac tgctctccag cctgggaggc acagcaaaact     2160
gtccccaaaa aaaaaa                                2176

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<210> 6236

<211> 6321

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (8)...(5880)

<223> similar to gi2662089 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6236

tttcgtcggg	gatcgccggc	gggcggcaag	cggaggcggc	ccaggcccgg	cgggtctccga	60
gatgtcacga	tggctgtggc	catggtcaaa	ctgtgtgaaa	gagcgggtct	gccgctactt	120
gctgcaccac	tacttaggtc	acttcttcca	agagcacctc	agcctggacc	agctcagcct	180
cgatctgtac	aagggcagcg	ttgccctgcg	agacatccac	ctggaaatct	ggtctgtgaa	240
cgaggtgctg	gagtcaatgg	agtcaccgct	ggagctgggtg	gaaggcttcg	tgggctccat	300
cgaggtggcc	gtgccctggg	ctgctctgct	caccgaccac	tgcacagtgc	gcgtgtccgg	360
cctccagctc	accttgacgc	cccgcggggg	tccagcgcca	ggggctgccg	actcacagag	420
ctgggcctca	tgcattgacca	caagcctgca	gctggcccag	gagtgtctgc	gggatgggct	480
accggagccc	tctgagccac	cacagcccct	ggaggggctg	gagatgtttg	cccagaccat	540
tgagactgtg	cttcggagga	tcaaagtgc	cttcctggac	actgtcgtga	gggtggagca	600
ctctccgggt	gatggggaac	gtggtgtggc	cgtcgaggtc	cgtgtgcaga	gactggagta	660
ctgtgatgag	gcagtgcggg	acccaagcca	ggcgccggcg	gtggatgtgc	atcagccgcc	720
tgccttctctg	cacaagctgc	tgcagctggc	aggggtccgc	ctgcactacg	aggagctccc	780
ggcacaggaa	gagcctccag	agccccctt	gcagatcggc	agctgctcag	ggtacatgga	840
gctgatgggtg	aagttgaagc	aaaatgaggc	cttccttggc	cccaagttgg	aggtggcggg	900
acagctgggc	tccttgaccc	tgtctctgac	cccagggcag	ctccagcaac	ttcaggaact	960
gctcagcgcc	gtgagcccta	cagaccacga	gggcctggct	gacaagctga	acaagagccg	1020
cccgttaggt	gccgaagacc	tgtggctgat	tgagcaggac	ctgaaccagc	agctgcaggc	1080
aggggacgtg	gctgagcccc	tcagcccaga	cccccttacc	aacccccctc	tcaacctgga	1140
taacactgac	ctcttcttct	ccatggctgg	cctcacaagc	agtgtggcct	cagccctctc	1200
tgagctctcc	ctctccgatg	tagacctggc	ctcctctgtg	cgcagcgaca	tggcctcccg	1260
ccggctctct	gcccaggccc	acccagctgg	caagatggcc	cccaaccccc	tcctggacac	1320
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<210> 6237  
 <211> 3387  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (430)...(1935)  
 <223> similar to gil418759 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6237

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<210> 6238

<211> 4005

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

<222> (269)...(2438)

<223> similar to gi2217931 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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aatgggcttg	ggagccagac	actccagga	tcagtagttc	ctacccatag	tctttgtgtg	3480
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gaggtcggga	gttcgagatc	agtctggtca	acatggtgaa	acgccatctc	tactaaaaat	3840
ataaaaatta	gcctggcgtg	gtggcgtgtg	cctctagtcc	cagctaccgc	ggaggctgag	3900
gcaggagaat	ttctggaacc	caggaggcgg	aggttgcagt	gagccgagat	ggcaccactg	3960
caatccagcc	taggcaacag	aatgagactc	tgtctcagaa	aaaaa		4005

<210> 6239  
 <211> 1612  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

```

<222> (1)...(1613)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1586)...(981)
<223> similar to gi3850180 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6239
aagctcactc tcgatgtgct caggccctcg cagggttgag gcattgcttt gggggaactg      60
tctgtgctcc accagcctcc tcaactccag cagagagtgg aggaatgggt gagttcctgc      120
ccaggcagct gggggcccca agcaggaaac ctgtgtagaa ccagagacca aaatcctttg      180
gaggaacaag gattcatcac atgagaatta ctctcaaagt agagattctg gaggtgcccc      240
tgactctctg gagagaagaa tgaatgaatg aatgaatgaa tgaatgaaca aaagagctta      300
catttattga gcatgcttgt gctaagccct gggctggcct ttgtttcatt ggcacaacag      360
ccttgagagg ttggtccatt atcacccctc agttcaggta agtggactga ggctgagaga      420
ggtgcacggg tttgtcaggg tcacatagca catgaggaca gagccagacc aggagccctg      480
tgacatcctc ggccaggatg ctaaccctaa ggacagtgac ggtcactctt cacaccgctg      540
tgaagggaga ggctattgct ctgcaccac agctcagcaa tggggaccat gaacgcctct      600
aggcagccca tgtatggggc cgctacctac ctggtaactg tccgcggctg tccatttgga      660
agagatattg atgtgtttgt tttctcctcc ccagcctgtg ggctcctgga gccaaaggac      720
cccaccta atcatcactag gcacaaaaca gctgctcaat aaatgtttac tgaatgaatg      780
aacgcatgaa gaatcaatga aggaggcggg gaaggaatga atgagtcagt ggagaacctg      840
aattggttcc tcaagccagc cttccactgc cctgcatgcc ctcgcatct tcggacattt      900
cttggcacta ggctgctcct gccacctcac tgccaggggt gatacagggc tgccggcctc      960
ttgcaagccg gggaggccta cggctgtgcc gaggcacggg aacagtgtgc tgtactcctc     1020
ctggaagctt aggtccttga atctccgcac ggccagggct gcggtcaggc tccaggtgaa     1080
gatggagaaa aaggagaatg gcgatgggag gcccgggctt gcgtccgtcc cttcggttcag     1140
tgggttgtcc ttgggcttg agacctgcca ctggttggcc aaggtagcaa gaatccccan     1200
tgaaccagag gaaagcccaa aaggctgctg ggtggggctc acccgagaca accggatgtc     1260
cggacaggac ggcttttctt gcggtccttg acgctgctga tctgcgggaa gtacacgtcc     1320
agggccaggt acagcaggca ggtgaggaag gcgagcacgc ccacggccac gccatagctg     1380
caggcgcttg ggttgcggtt gtagatgcag aactcctccc cctcgagggc gctgttgagg     1440
tagccctcgt tcacgatgga gccgaacacc actatggaga acagctcaca tccgggcctg     1500
ctcctccagc tcaccaggc ctctgtgtcc agctgcctat ccatgaagga tcgaattcca     1560
gaatcccaaa ctctaaggtc aacatgagac caaggaggca tgctgtctgg tc              1612

```

```

<210> 6240
<211> 3176
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (218)...(1791)
<223> similar to gil663700 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6240

gcggccgccc	atggagaagg	ccaggagagg	cggggatggc	gtcccccg	ggcccgact	60
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gcccctgatt	ccaggagatg	gacatgacag	ccacacttta	cctgaagaat	ggaagtattt	180
gcccttcctt	gccttaccag	atggcgcaca	caactaccag	gaagatactg	tgttttttca	240
cttgccaccc	agaaatggaa	atggagccac	agtatttggt	atctcttgct	atcgaccaa	300
ttgaagccaa	ggcactgaaa	gtaaggcaag	cagatatcac	cagagagact	gttcagaaaa	360
gtgtctgtgt	tctaagcaag	ctgcctctgt	atggtttact	tcaagcaaaa	cttcaactca	420
ttacacatgc	atattttgaa	gagaaggatt	tttcccaa	ttctattcta	aaggagcttt	480
atgaacatat	gaatagttec	ttgggaggtg	cttcattaga	aggatcccaa	gtatatcttg	540
gtctgtcacc	tgcagatctt	gtccttcatt	ttcgacacaa	gggcttaatc	ctattttaagc	600
taattcttct	tgaaaaaaag	gttctttttt	atattttctc	agtgaataaa	ttggtgggtg	660
cactgatgac	tgtgttatcc	ctttttccag	gcatgattga	acatggtctc	agtgactgtt	720
ctcagtatag	accccggaag	agtatgtctg	aagatgggtg	gcttcaggaa	agtaacccat	780
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tcaggaaagt	catggcagga	aacctgggag	aagatgctgc	catgaagact	gaggagcctt	900
tgttccaagt	ggaagacagc	agcaaagggc	aggaacccaa	tgataccaat	caatatttga	960
aacctccatc	tgcgccatct	ccagattctt	cagaagtga	ctgggaaact	ttggatccta	1020
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tgtttccaaa	ggactctgtc	ccctcagaga	gtcttccaat	tactgtacaa	cctcaagcta	1140
atacgggaca	ggtagtctcg	ataccagggc	tcatttcggg	tttggaagag	gatcagtatg	1200
gcatgccctt	ggccatcttc	acaaagggat	atctgtgttt	gccttacatg	gcattgcagc	1260
agcatcatct	tctctccgat	gtcaccgttc	gggggtttgt	tgctggagct	actaacatcc	1320
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cagactacct	agtgaggcac	gtgactgaga	atcgggatga	cgtcttcccta	gatggcacgg	1500
gctgggaggg	aggtgacgaa	tggatccggg	cccagtttgc	ggtctacatt	catgccctgc	1560
tggctgccac	gctgcaatta	gttctgttca	gaatagtga	cgtggcaaaa	aaaattggaa	1620
acgtcatggt	cacaactaag	ccggaatggt	gtacaaacag	ggaaaagctg	ttggccagtc	1680
agttggagga	gctttttccc	agtgc aaaga	cagcttatgt	cttcatggct	ttccactttc	1740
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ttgttaactg	ccacagatcc	ccagcagggg	accaaagtgc	gaactgttta	catggatgtt	1920
gctttaactg	aatgtttcgg	gatgccgaaa	tgatgaaatc	acagccaaag	cagggatggc	1980
tttccaggtt	ggggtttcaa	ttgacaactt	ttatttcagt	ttgagcctga	ttaaaacata	2040
cagtgaacct	tctaatgaat	tttgagtttt	gatattgtac	attggtttac	tttagaagag	2100
tttttactta	tgtaaatatt	gttctgtttt	ggtgtttgaa	tatctagatg	gtcactgtaa	2160
tttatacttg	ctaaaattaa	tttatattac	cattttctct	aaagttggcc	ttaaaacgtg	2220
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tgtacctcag	cctcccaagt	agctgggatt	atggacatgc	gccaccatgc	ccggctaagt	2820
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acctcgatg	ccaccacccc	cggcctccca	aagtgtctgg	attacaggca	tgagccactg	2940
cgcccgcca	gctgttatcc	ttatataagg	aattttttcc	tcttttttat	ttgttatcat	3000
tatggacggc	ttcatgggtc	ttctaatttg	attttgattg	actccattcc	aggttctttt	3060
ttatatctct	ccagtgaata	aattgggtgg	tgcactgatg	actgtgttat	ccctttttcc	3120
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```

<210> 6241
<211> 4450
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (120)...(2513)
<223> similar to gi4929268 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6241
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tcctgtggaa gagcgaaagc ccaacctctt tgtcttctct gcgttcacgg agcacacaaa      120
tggaatcaac tcgtgtttca gcttctctcc ccagaagtta ccggaaaact gatacagtca      180
ggttaacatc tgtggtcaca ccaagacctt ttggctctca gacaagggga atctcatcac      240
tccccagatc ttacacgatg gatgatgctt ggaagtataa tggagatatt gaagacatta      300
agagaactcc aaacaatgtg gtcagcacc ctcaccaag cccggacgca agccaactgg      360
cttcaagctt atctagccag aaagaggtag cagcaacaga agaagatgtg acaaggctgc      420
cctctcctac atcccccttc tcatctcttt cccaagacca ggctgccact tctaaagcca      480
cattgtcttc cacatctggt cttgatttaa tgtctgaatc tggagaaggg gaaatctccc      540
cacaaagaga agtctcaaga tcccaggatc agttcagtga tatgagaatc agcataaacc      600
agacgcctgg gaagagtctt gactttgggt ttacaataaa atgggatatt cctgggatct      660
tcgtagcatc agttgaagca ggtagcccag cagaattttc tcagctacaa gtagatgatg      720
aaattattgc tattaacaac accaagtttt catataacga ttcaaaagag tgggaggaag      780
ccatggctaa ggctcaagaa actggacacc tagtgatgga tgtgaggcgc tatggaaagg      840
ctggttcacc tgaaacaaag tggattgatg caacttctgg aatttacaac tcagaaaaat      900
cttcaaatct atctgtaaca actgattttc ccgaaagcct tcagagttct aatattgaat      960
ccaaagaaat caatggaatt catgatgaaa gcaatgcttt tgaatcaaaa gcatctgaat     1020
ccatttcttt gaaaaactta aaaaggcgat cacaattttt tgaacaagga agctctgatt     1080
cggtaggttc tgacttcca gttccaacca tcagtgcgcc gagtgcgtgg gtgtgggagc     1140
aagaggagga gcggaagcgg caggagaggt ggcgaagga gcaggaccgc ctactgcagg     1200
aaaaatatca acgtgagcag gagaaactga ggggaagagt gcaaagggcc aaacaggagg     1260
cagagagaga gaattccaag tacttgatg aggaactgat ggtoctaagc tcaaacagca     1320
tgtctctgac cacacgggag ccctctcttg ccacctggga agctacctgg agtgaagggt     1380
ccaagtcttc agacagagaa ggaacccgag caggagaaga ggagaggaga cagccacaag     1440
aggaagtgtg tcatgaggac caaggaaaga agccgcagga tcagcttggt attgagagag     1500
agaggaaatg ggagcaacag cttcaggaag agcaagagca aaagcgggct tcaggctgag     1560
gctgaggagc agaagcgtcc tgcggaggag caaaagcgcc aggcagagat agagcgggaa     1620
acatcagtca gaatatacca gtacaggagg cctgttgatt cctatgatat accaaagaca     1680
gaagaagcat cttcagggtt tcttcctggt gacaggaata aatccagatc tactactgaa     1740
ctggatgatt actccacaaa taaaatgga aacaataaat atttagacca aattgggaac     1800
acgacctctt cacagaggag atccaagaaa gaacaagtac catcaggagc agaattggag     1860
aggcaacaaa tccttcagga aatgaggaag agaacacccc ttcacaatga caacagctgg     1920
atccgacagc gcagtgccag tgtcaacaaa gagcctgtta gtcttcctgg gatcatgaga     1980
agaggcgaat ctttagataa cctggactcc ccccgatcca attcttgagg acagcctcct     2040
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ccacctcagc tgggtgtccac atcaaaccgt gcctacatgc ggaacccctc ctccagcgtg     2160
ccccacett cagctggctc cgtgaagacc tccaccacag gtgtggccac cacacagtcc     2220
cccacccga gaagccattc cccttcagct tcacagtcag gctctcagct gcgtaacagg     2280

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tcagtcagtg	ggaagcgc	atgctcctac	tgcaataaca	ttctgggcaa	aggagccgcc	2340
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gagtgtagacc	tcggaggctc	ttcctcagga	gctgaagtca	ggatcagaaa	ccaccaactg	2460
tactgcaacg	actgctatct	cagattcaaa	tctggacggc	caaccgccat	gtgatgtaag	2520
cctccatacg	aaagcactgt	tcagataga	agaagagggtg	gttgctgctc	atgtagatct	2580
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ccatatttca	gtatgtggcc	ttttttgatg	ttatgtttta	tccagtagct	ttactaaggt	3360
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tcattctgca	tataattatt	tataagtata	gattgtgaat	ttttccatgt	tcttaaaatt	4020
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cagcacgtgg	gcttgttcat	ctcactgcat	gtttatgaag	atacagttct	tttgccctgt	4380
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aagaaaccac						4450

<210> 6242

<211> 2477

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (300)...(1807)

<223> similar to gi3930776 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6242

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gcaatctctg	ctcactgcaa	cctccgtctc	ccgagttcaa	gcagttctcc	tgccctcagcc	180
tcctgagtag	ctgggattac	agaagacaaa	aatactaata	catttgagaa	agcggtagtt	240
ttggggggag	ggggaaaaag	caactgcttt	cctgatctgc	aacttggctg	gatgctaaga	300
tgtcagtggg	catgaatagc	caggggtctg	acagcaatga	agaggactat	gacccaaatt	360
gtgaggaaga	ggaagaagaa	gaagaagacg	accctgggga	catagaggac	tattacttgg	420
gagtagccag	cgatgtggag	cagcaggggg	ctgatgcctt	tgatcccag	gagtaccagt	480
tcacttgctt	gacctacaag	gaatctgagg	gtgccctcaa	tgagcacatg	accagcttag	540
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gagttcagcc	taatccatca	aaacatgttc	ccacatccca	tccccctcac	cactgtgcag	720
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gtcagatgta	tcacgcaccc	acagactgtg	ccacaatccg	gaaatggctc	acgaagtgtg	1140
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acatctgcat	tgagaagaat	ggaggctgca	atcacatgca	atgctccaaa	tgtaaacacg	1260
acttctgctg	gatgtgtcta	ggagattgga	agactcatgg	cagtgaatac	tatgagtgc	1320
gtcgttacaa	ggagaatcct	gacatcgtga	accagagcca	acaagcccag	gcgagggaag	1380
ccctcaagaa	gtacttattc	tactttgaga	ggtgggaaaa	ccacaataaa	agcttgacgc	1440
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tggggacatg	gatcgactgg	cagtacctac	agaatgctgc	caagctcttg	gccaagggttc	1560
cttctcttct	ctcctgttgc	agtgtcgata	cacctgcaa	tacacctacc	catatgcata	1620
ttacatggag	tccggaccca	ggaagaagct	gtttgaatac	cagcaggctc	agctggaggc	1680
tgagatcgaa	aacctctcat	ggaaagtggg	gcgtgcagac	agctatgaca	gaggggactt	1740
ggagaaccag	atgcatatag	cggagcagcg	gaggagaacc	ctgctgaaag	atttccatga	1800
cacctaaagt	gggatgtgga	tgtgccgggg	tgaggaagat	gtggctgcaa	ggtctcccgg	1860
ctgccatact	gcatgctgca	ggctctgcct	ttcatgaccc	caggcaacag	ccagggccccc	1920
actcctgaga	gacactggca	acacctctta	gttgatttct	gttttcttct	cttttcaactt	1980
tttgtttcta	ccagggtaga	ggccatgttg	aactggcctc	ttttcaggac	ttttatttcc	2040
ccctggatgg	ttgttgggag	ggagggaaaag	tgttttctga	atggctatta	atagtattag	2100
atcattacaa	cttatgtaac	tttcaaaggt	tgtacaatta	tacaaaaaaa	aaaaaagggg	2160
caccttttgg	aaaaccacag	cccctttttt	aaaaaaaaat	gggattgggg	gggttaaccc	2220
ctcaaccggt	ttaattaaaa	aggaaaaata	ggcgccacc	ccccctaaaa	atgtttttcc	2280
tgaaaaaggc	cccgggccct	tttttttcaa	tattcccggtg	ggcccaaagt	ggaaccccaa	2340
aaaaaaacct	ggggggcaca	atggtaggaa	atgaaacggc	cctgggaaag	ggccttgaac	2400
caaagggggt	cacaaaaggc	ctcctgcttt	accggggaaa	ccggagacag	ccaaaaaatg	2460
gtttttttgc	acagggg					2477

<210> 6243

<211> 2143

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (603)...(1439)

<223> similar to gi5911844 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 6243
cgcagcgtcc cgccagccag ctccctgcac ccttcgcggc cgaggcgctc cctgggtgctc 60
cccgcgcagc catggctcag cacttctccc tggccgcctg cgacgtgggc ggattcgacc 120
tggaccacac tctgtgtcgc tacaacctgc ccgagagcgc cccgctcatt tataatagct 180
ttgcccagtt cctagttaag gagaaagggg acgataagga attgctcaat gtgaccccag 240
aggattggga tttctgttgc aaagggttgg cattggatct agaagatggg aacttcctta 300
aacttgcaaa taatggcact gttctcaggg caagccatgg caccaagatg atgactccag 360
aggtgctggc agaggcatat ggcaagaaag agtggaaagca cttcttgtcg gacactggaa 420
tggcttgccg ctcaggaaaag tattactttt acgacaacta ctttgacctg ccaggagctc 480
ttctgtgtgc caggggtgtg gactatttaa caaaactgaa caatgggtcaa aaaacatttg 540
atTTTTggaa ggatatagtt gctgctatac aacacaatta taaaatgtca gcttttaagg 600
aaaactgtgg aatataatttt ccagaaataa aaagagatcc aggcagatat ttacatagtt 660
gtcctgaatc tgtgaaaaaa tggcttcgac agctaaagaa tgctgggaaa attcttctgt 720
taattaccag ttctcacagt gattactgta acattctctg cgccatatat tcttgggaat 780
gattttacag acctttttga cattgtgatt acaaatgcat tgaagcctgg tttcttctcc 840
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ccatctctgg ataaacctgg ctggtactcc caagggaacg ctgtccacct ctatgaactt 960
ctgaagaaaa tgactggcaa acctgaaccc aaggttgttt attttgggtga cagcatgcat 1020
tcagatattt tcccagctcg tcaactatgt aattgggaga cagtcctcat cctggaagaa 1080
ctcagagggg atgaaggcac gaggagtcag aggcctgagg agtcagagcc tctagagaag 1140
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tcttttttta ttgattcagt tttgggactg gaaaatacag aagactcctt ggtttatata 1260
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gcagaattac ctctggacta caaatttaca agattctctt caagcaattc aaaaacagct 1380
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tcaaaaaata ctgtaaaaga ctttaaggaa caagttttat tgaccaataa gttgatattt 1560
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gaattcacct ggggacacac actcacacgc acagtcactc ttacacatat gcctagtcca 1740
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tgttatcttt tgttatcttt tatatgccct aggaaagtac aaccagaatt gaaaaccaac 2040
tgatctatac cagttctttc aattaatagt caagaacatt gagtccagtg agattaagtg 2100
atTTTTgcag gctatgaggt tttatgctat tctgtgttcc tcc 2143

```

<210> 6244

<211> 1802

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (140)...(1562)

<223> similar to gi386836 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 6244
aaacaaacaa aaaggaacca gaggccactt gtatatatag gtctcttcag cattttattgg      60
gggcagaaga ggaagatttc tgaagagtgc agctgcctga accgagccct gccgaacagc      120
tgagaattgc actgcaacca tgagtgagaa caataagaat tccttggaga gcagcctacg      180
gcaactaaaa tgccatttca cctggaactt gatggaggga gaaaactcct tggatgattt      240
tgaagacaaa gtattttacc ggactgagtt tcagaatcgt gaattcaaag ccacaatgtg      300
caacctactg gcctatctaa agcacctcaa agggcaaaac gaggcagccc tggaatgctt      360
acgtaaagct gaagagttaa tccagcaaga gcatgctgac caggcagaaa tcagaagtct      420
ggtcacctgg ggaaactatg cctgggtcta ctatcacatg ggccgactct cagacgttca      480
gatttatgta gacaaggtga aacatgtctg tgagaagttt tccagtccct atagaattga      540
gagtcacagag cttgactgtg aggaaggggtg gacacggtta aagtgtggag gaaacaaaaa      600
tgaaagagcg aaggtgtgct ttgagaaggc tctggaaaag aagccaaaga acccagaatt      660
cacctctgga ctggcaatag caagctaccg tctggacaac tggccaccat ctcagaacgc      720
cattgaccct ctgaggcaag ccattcggct gaatcctgac aaccagtacc ttaaagtcct      780
cctggctctg aagcttcata agatgcgtga agaaggtgaa gaggaaggtg aaggagagaa      840
gtttagttga agaagccttg gagaaagccc caggttgtaa cagatgtact tcgcagtgca      900
gcccagttt tatcgaggaa aggatgagcc agacaaagcg attgaactgc ttaaaaaggc      960
tttagaatac ataccaaaac aatgcctacc tgcattgcca aattgggtgc tgctataggg     1020
caaaagtctt ccaagtaatg aatctaagag agaatggaat gtatgggaaa agaaagttac     1080
tggaactaat aggacacgct gtggctcatc tgaagaaagc tgatgaggcc aatgataatc     1140
tcttcctgtg ctgttcatt cttgccagcc tccatgctct agcagatcag tatgaagacg     1200
cagagtatta cttccaaaag gaattcagta aagagcttac tcctgtagcg aaacaactgc     1260
tccatctgcg gtatggcaac tttcagctgt accaaatgaa gtgtgaagac aaggccatcc     1320
accactttat agagggtgta aaaataaacc agaaatcaag ggagaaagaa aagatgaaag     1380
acaaactgca aaaaattgcc aaaatgcgac tttctaaaaa tggagcagat tctgaggctt     1440
tgcatgtctt ggcattcctt caggagctga atgaaaaaat gcaacaagca gatgaagact     1500
ctgagagggg tttggagtct ggaagcctca tcccttcagc atcaagctgg aatggggaat     1560
gaagaataga gatgtggtgc ccactaggct actgctgaaa gggagctgaa attcctccac     1620
caagttggta ttcaaaatat gtaatgactg gtatggcaaa agattggact aagacactgg     1680
ccataccact ggacaggggt atgttaacac ctgaattgct gggctcttgag agagcccaag     1740
gagttctggg agagggacca gattgggggg taggtccacg ggcttggtga tagacatatt     1800
tc

```

```

<210> 6245
<211> 2614
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2615)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (251)...(1039)
<223> similar to gi29604 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



<400> 6245

agcggggaact	gaaacctgat	tacgggtccga	cgggcccggga	ttcccgggtcg	acccacgcgt	60
ccgcccacgc	gtncggaact	ctggaggaac	gctgagctga	gcagcaccca	ggacagcgcc	120
cggcagcgcc	cgcgcccagg	tctccctccg	cagccctgac	tcgcgcacac	gctgagcttt	180
tgctcactcc	ccttcgcgcg	gacacagaca	cacgcatatt	cacacaccca	gacacacacc	240
ccgctgtaca	atggcagaat	cccacctgca	gtcatccctc	atcacagcct	cacagttttt	300
cgagatctgg	ctccatttcg	acgctgacgg	aagtgggttac	ctggaaggaa	aggagctgca	360
gaacttgatc	caggagctcc	agcaggcgcg	aaagaaggct	ggattggagt	tatcacctga	420
aatgaaaact	tttgtggatc	agtatgggca	aagagatgat	ggaaaaatag	gaattgtaga	480
gttggctcac	gtattaccca	cagaagagaa	tttcctgctg	ctcttccgat	gccagcagct	540
gaagtcctgt	gagggaaattc	atgaagacat	ggagaaaata	tgatactgac	cacagtggct	600
tcatagaaac	tgaggagctt	aagaactttc	taaaggacct	gctagaaaaa	gcaaacaaga	660
ctgttgatga	cacaaaatta	gccgagtata	cagacctaat	gctgaaacta	tttgattcaa	720
ataatgatgg	gaagctggaa	ttaactgaga	tggccagggt	actaccagtg	caggagaatt	780
ttcttcttaa	attccaggga	atcaaaatgt	gtgggaaaga	gttcaataag	gcttttgagc	840
tgtatgatca	ggacggcaat	ggatacatag	atgaaaatga	actggatgct	ttactgaagg	900
atctgtgcga	gaagaataaa	caggatctgg	atattaataa	tattacaaca	tacaagaaga	960
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gtgctgggga	taactagagt	tggtggccgc	aaccacttgc	tagtgataca	ctgtatctaa	1080
aaaataactg	tgcactataa	gggagtaggc	tgtattttct	tttatatctg	taaatttaac	1140
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ttgtaatata	cagtttttgt	aaccatatga	ttgaaaagaa	gaaagtctat	gcttaggcca	1260
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gatttcccta	aaaattccac	caggattaat	ctctaaaatt	ctagtctctg	atttgcaa	1380
gcacatttgt	cactgaataa	tggaattatg	tataacaagc	caaacattct	tatttttagac	1440
aaccatagaa	ctgtcccaca	aaatatttct	aagcttattt	ctaactatta	ggaggaatgt	1500
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cagaaacgag	atttgccaaa	aactaaaatt	caacaaatga	tgttgagtgg	gagattggct	2520
ttgccttttag	gcgtgtaaat	ggaagcactg	ccattagact	gaatttaact	actaagaata	2580
aataaagaag	aaaataacct	taaaaaaaaaa	aaaa			2614

<210> 6246

<211> 5623

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5510)...(934)  
 <223> similar to gi2370149 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6246

ttttttgata	tttaaatgatg	tagcttctaa	atltggtagt	tctgtctttg	agtgtgaact	60
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gactacaggc	atgagccact	gcattctggca	gcaacatata	tttcaaaaga	gtagcctggc	180
cactaggatc	tacctaccta	catttttgggt	gcaaactatt	actttgggga	catctttctt	240
ttttcctttt	cttttttttt	tttttaattt	acagatgggg	tcttgttatg	tttcccaaga	300
ggctcaagtg	cagtggctat	tcacaggcat	gatcatagca	cactatagcc	ttgaactcct	360
ggcctcaagt	gatcttccca	catagctgag	acaacaggta	catgccactg	tgcccagcag	420
gacatttttc	ttaatagaaa	actactatcg	tgaagaatta	tgtttatctc	ttactatgt	480
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tgtaattttc	catgtcgaag	caatgttctt	tgacccaaca	tttggataaa	tctcattctt	600
gatgctagct	atltcttggg	gtatgggttg	ctttaatcaa	cctctgcaa	actccgatct	660
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tctggattga	ttggacttgg	agttctatct	tgatatgaca	atlttttctg	gtaagacctt	780
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aaaggcagat	cccaactccc	acagcacgtc	tttaccgttt	cccaacgatg	ctcaggccca	960
ggccccggcc	agctttcttc	tgcatatcca	cagggaaaat	ctccaagttc	tctcatccc	1020
ggtagtgtgc	ctcatctcta	tacaccacca	gccgcacctt	ctgggggggtc	tgctcaggg	1080
ctgtgatggc	ttcttcgtgg	ctggagtccc	tcaggtcaac	cccattaacc	aagggtgtgt	1140
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cataaatccc	tgaagcttcc	cctgtatgag	atgttccaac	atagccaaca	attctaattc	4380
caagactctg	cccattcttt	ctcacaagct	caacattata	agtttcaaaa	agagaactgt	4440
cagaaccagg	gcccttgctg	gctacagtag	gcagggcaac	aggtaaggct	gcaggggcag	4500
gggggggtgac	tgaaatgtca	ccagctggat	ctctagcaac	gagcatcctg	actgaattcc	4560
cacagttcct	tagaacttgt	gcaacttgct	cactgggtcat	tccctgcacg	tttgtgccac	4620
caatcttcaa	gatgtggtcc	cctgtctgga	gtcttccatc	tcgatctgct	aatcctccag	4680
gaactatagt	cctcacaacc	acgccacttg	tttttccctc	aactattcca	aaacctagtc	4740
cagagccatc	attaatgagc	tcaacctctt	caacatggcc	ccaacaaaact	gttttcaggca	4800
gagttgtatc	atttaggctg	ctagaagtac	tgttttttgt	gtggactggg	tccctggcca	4860
caatcagctc	caaagatcca	gtggttttgt	gtaataatgc	aattgcttgc	tgatgggaaa	4920
tgttctgac	caatggcgtg	tgattaatgg	ccaatatttg	atcattttcc	tttaattctt	4980
gatccctgct	tgtctacttc	cctggctgga	catccttcac	gaagatatca	acttttccga	5040
gattttgact	tctgagggcc	accacactga	atccaaggcc	tccagttgaa	ggcgttcta	5100
tatctatata	ttcaatttgc	cggccctgag	ccatctgttg	aatgactgag	ttaaagtctt	5160
catttcccaa	cttcggggtc	cacggaaata	accagatac	agtcgagtta	ttagagggcc	5220
tgtggacatt	tccattagta	atggaacctt	ctgtgaacac	taacaaacct	ttcctagaaa	5280
aatcaaagtt	ggctgaacaa	tctgagggta	tatggttgag	ttgaccttcc	agttgcttga	5340
tggactgctg	aagtgtgagt	atctggttga	agagaggact	ctttagtgtc	tcataaaaca	5400
tagataaact	ctcattctgc	gacgtgtcac	ccttctcctg	caatttcatt	ttcaggcgat	5460
caagtacctg	cagcacctgc	agtttatctg	tagcaggatt	ttcaggcatt	ttgaattatt	5520
ctcttcaatc	actcttaaag	acacctgggtg	cgctggagga	gcaggtggga	gccccgggtcg	5580
ggcgggctcg	gtgtcggccc	tgcttcacct	gggcggaagt	gag		5623

<210> 6247  
 <211> 1915  
 <212> DNA  
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (107)...(1555)
<223> similar to gil655598 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6247
atccagcctc aggaactgcc cccagccatc gagccttggc tacttaaggg acctggggccc      60
aatccacagc tgggacagtc ctggcccact gcactgggaa tctaggatgg gggccttggc      120
cagagccctg ccgtccatac tgctggcatt gctgcttacg tccaccccag aggctctggg      180
tgccaacccc ggcttggtcg ccaggatcac cgacaaggga ctgcagtatg cggcccagga      240
ggggctattg gctctgcaga gtgagctgct caggatcacg ctgcctgact tcaccgggga      300
cttgaggatc cccacagtcg gccgtgggcg ctatgagttc cacagcctga acatccacag      360
ctgtgagctg cttcactctg cgctgaggcc tgtccctggc cagggcctga gtctcagcat      420
ctccgactcc tccatccggg tccagggcag gtggaagggt cgcaagtcac tcttcaaact      480
acagggtctc tttgatgtca gtgtcaagggt catcagcatt tcggtcaacc tcctgttggg      540
cagcgagtcc tccgggaggc ccacagggtta ctgcctccag ctgcagcagt gacatcgctg      600
acgtggaggt ggacatgtcg ggagacttgg ggtggctgtt gaacctcttc cacaaccaga      660
ttgagtccaa gttccagaaa gtactggaga gcaggatttg cgaaatgatc cagaaatcag      720
tgtcctccga tctacagcct tatctccaaa ctctgccagt tacaacagag attgacagtt      780
tcgccgacat tgattatagc ttagtggaag cccctcgggc aacagcccag atgctggagg      840
tgatgtttaa gggtgaaatc tttcatcgta accaccgttc tccagttacc ctccctgctg      900
cagtcatgag ccttcctgag gaacacaaca aaatggtcta ctttgccatc tcggattatg      960
tcttcaacac ggccagcctg gtttatcatg aggaaggata tctgaacttc tccatcacag     1020
atgacatgat accgcctgac tctaataatc gactgaccac caagtccttc cgacccttcg     1080
tcccacgggt agccaggctc taccccaaca tgaacctgga actccaggga tcagtgcctt     1140
ctgctccgct cctgaacttc agccctggga atctgtctgt ggacccttat atggagatag     1200
atgcctttgt gctcctgccc agctccagca aggagcctgt cttccggctc agtgtggcca     1260
ctaagtgttc cgccaccttg accttcaata ccagcaagat cactgggttc ctgaagccag     1320
gaaaggtaaa agtggaaactg aaagaatcca aagttggact attcaatgca gagctgttgg     1380
aagcgtcctt caactattac atccttaaca ccttctaccc caagttcaat gataagttgg     1440
ccgaaggctt ccccttcctt ctgctgaagc gtgttcagct ctacgacctt gggctgcaga     1500
tccataagga cttcctgttc ttgggtgcca atgtccaata catgagagtt tgaggacaag     1560
aaagatgaag cttggagggtc acagctggat ctgcttgttg catttccagc tgtgcagcac     1620
gtctcagaga ttcttgaaga atgaagacat ttctgtcttc agctccgggg gtgaggtgtg     1680
cctggcctct gcctccaccc tctcctctt caccaggtgc atgcatgcc tctctgagtc     1740
tggaactttg tccccctcca ggagggaacca cctccccga ctggcctggg atatctttac     1800
aagcaggcac tgtatttttt tattcgccat ctgatcccca tgccatagcag agtgcctggca     1860
cttagtaggt cctcaataaa tatttattaa atgatgagat gatggaaaaa aaaaaa      1915

```

```

<210> 6248
<211> 1824
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1433)...(160)
<223> similar to gi5912226 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6248
tttttttttt ttcagagaca aacacttttt aatttcagta gcagtaggga aaaataacag    60
catccatgca ttaaaaactaa gagccttcac aaagacgttt caagatgtat tttgaacaaa    120
agaggacagg ctcttggggc ccctctgggt cctgcctcag cacatcgagt cctcaaatcc    180
gagtggaggaa agtctgggga gctgcactgt ggagccatca gaaagtacct ggagcggctg    240
ctgctgggct ggaaaagccg cagaagtcct cggcggtagc tggggttgct atggcaacag    300
gagtcccagg ctgcccgtgc tttctggcca caacctttac ctcatcatta atgacttcaa    360
agtggctcct cttcctcttc ttcaatgtcc aaatcattct gcctaagata tgcttgtaat    420
ggtccataca gtctctcctt gaaagctaag aaatccatca tgttcccttg aaagtgttgc    480
aagaaaaaca gttcaatcaa atactccttg aagacctcct tcagagcctg catctcctgg    540
tgatgatagt ccaggcactg cttcctcatc tgtgccatct ccgagagaggc tgggggaatc    600
tcctctaact tcttgggaac cttcttcatt cccgtgttcc ccacagacgt gaggggagg    660
ctggaaaggg ctggggggcag ggcagtcctg gaagggtctg tgggcggggg tggggcgtc    720
atcccaaacc ccgctgcgcc ccagccccg gggagcagca cgccgggct cctctcgaag    780
cccagggggc ggggcagcgg cgccccctgc agcacctgct gctgctgaac cagctggccc    840
tggatgatgc tgctgatctg cgggtggcaag ttagccgtgg tgatgtggct tgggctggcc    900
aggggctgca ggccggcccc acccgcggt gcagggtctt ggggtcccag gtggtggatg    960
gtgccccctg actgtgtgtg gggctgggag ggtctccgt ctcgactgt gatgggcgta    1020
cccgggtgct ggagctgaac ctgggtctcc tgggcgatct gggtagccc tgacctatcc    1080
tgaaacacaa agtgtccacc actggagggg ctcaagctga tctgcctcac cagcacgtg    1140
gcatccacga agtcccctgt agggctgctg ctgcagaggc ccagcccagg gccaggggca    1200
cctgcacgca cattctgcaa ggcctgcccc ggccccggac tgggctgcgt gggactctgg    1260
gtctggacct gctgggacaa gggggacgtg acctgaatgt atgatggaga cccatgctca    1320
aaccgcccag gctgagcgtg gaactggaag cctggagagg tggggctggg gagcggcagt    1380
ggggccagcg tgacctgtgg gcttccctgg agcccagggc ccacgccctg caggtcaaca    1440
ttcatgttct gcccaccgac agggccccct ctcaccatca gctgctgtag ttggtggctg    1500
ggggatggca gtgtgagggg cagggacggc tgggagcagc ctggctgctc ctgcccgcg    1560
ccggggcagg cccagggcca ctggacatgg cgtggctgct tctgggagct gctgacgtgc    1620
tgcatgacta cgtcttcagg aaatgtctcc taaacaaatg cagaaaagtt agagttgagt    1680
gaggtgagct ccatgcccgg gcgcctttcg gagcctgcac aggtgtctgg aaaggtggct    1740
caggaggggc caatgcgggc ccagcaaacc tcaggcacga gcctgctacc cagggcaaaa    1800
agtgtcaga tcagaatatc tgct                                1824

```

<210> 6249

<211> 1937

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (239)...(1877)

<223> similar to gi6018185 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6249

```

cctccactgc cggggctggg cccggccgcg ggaaggaccg aaggggatac agcgtgtccc    60

```

tgccggcggct	gcaagaggac	taagcatgga	tggcagccgg	agagtcagag	caacctctgt	120
ccttcccaga	tatggtccac	cgtgcctatt	taaaggacac	ttgagcacca	aaagtaatgc	180
tttttgcact	gactcctctt	ctctcagact	aagcactctc	cagctggtca	agaatcacat	240
ggctgttcac	tataataaaa	tcctttcagc	caaagctgca	gtagactgct	cggttccagt	300
aagcgtgagt	accagcataa	agtatgcaga	ccaacaacga	agagagaaac	tcaaaaagga	360
attagcacia	tgtgaaaaag	agttcaaatt	aactaaaact	gcaatgcgag	ccaattataa	420
aaataattcc	aagtcacttt	ttaatacctt	acaaaagccc	tcaggcgaac	cgcaaattga	480
ggatgacatg	ttaaaagaag	aaatgaatgg	attttcatcc	tttgcaaggt	cactagtacc	540
ctcttcagag	agactacacc	taagtctaca	taaatccagt	aaagtcacac	caaattggcc	600
tgagaagaac	tccagttcct	ccccgtccag	tgtggattat	gcagcctccg	ggccccggaa	660
actgagctct	ggagccctgt	atggcagaag	gcccagaagc	acattcccaa	attcccaccg	720
gtttcagtta	gtcatttcga	aagcaccag	tggggatctt	ttggataaac	attctgaact	780
cttttctaac	aaacaattgc	cattcactcc	tcgcacttta	aaaacagaag	caaaatcttt	840
cctgtcacag	tatcgctatt	atacacctgc	caaaaagaaa	aaggatttta	cagatcaacg	900
gatagaagct	gaaaccacga	ctgaattaag	ctttaaatct	gagttgggga	cagctgagac	960
taaaaacatg	acagattcag	aaatgaacat	aaagcaggta	gcatctaatt	gtgtgacata	1020
tgatgccaaa	gaaaaaatag	ctcctttacc	tttagaaggg	catgactcaa	catgggatga	1080
gattaaggat	gatgctcttc	agcattcctc	accaagggca	atgtgtcagt	attccctgaa	1140
gcccccttca	actcgtaaaa	tctactctga	tgaagaagaa	ctgttgtatc	tgagtttcat	1200
tgaagatgta	acagatgaaa	ttttgaaact	tggtttattt	tcaaacaggt	ttttagaacg	1260
actgttcgag	cgacatataa	aacaaaataa	acatttgagg	gaggaaaaaa	tgcgccacct	1320
gctgcatgtc	ctgaaagtag	acttaggctg	cacatcggag	gaaaactcgg	taaagcaaaa	1380
tgatgttgat	atgttgaatg	tatttgattt	tgaaaaggct	gggaattcag	aaccaaataa	1440
attaaaaaat	gaaagtgaag	taacaattca	gcaggaacgt	caacaattcc	aaaaaggctt	1500
gggatatgtt	attgtcggca	caaaggatg	agaacgagat	attcccttca	ccaactgaat	1560
ttttcatgcc	tatttataaa	tcaaagcatt	ccagaagggg	ttataattca	acaggtgaat	1620
gatgaaacaa	atccttgaag	cttcaacttt	ggatgaaaat	catcccaagt	atttcagaca	1680
gtttaacaga	tcgggaaact	tctgtgaatg	tcattgaagg	tgatagtga	cctgaaaagg	1740
ttgagatttc	aaatggatta	tgtggtctta	acacatcacc	ctcccaatct	gttcagttct	1800
ccagtgtcaa	aggcgacaat	aatcatgaca	tggagttatc	aactcttaaa	atcatggaaa	1860
tgagcattga	ggactgccct	ttggatgttt	aatcttcatt	aataaatacc	tcaaatggcc	1920
agtaactcaa	aaaaaaaa					1937

<210> 6250

<211> 1049

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1050)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (831)...(132)

<223> similar to gi2633297 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6250

tttttttttt	ttntgatcga	aaggcaata	tttatttttc	aggaagagaa	acaggagacc	60
tcgaggcttc	tggacttagg	aggtcggggc	agctgggtcca	tggttgtcca	ggtagtgccg	120
cagggctgtg	ggataatccg	ttatgacgcc	agtgggtccc	acgctgaagg	ctgcttcaaa	180
atccgactct	tcattaaggc	acaaaagac	cacctgcacc	cctcgctcct	ccaagtgtcg	240
gatcagactc	ttcctcatga	tcagccattt	cgaaaccaca	gccaataact	ggttcaggca	300
agagcaggaa	aatgggaaat	aggtcctggt	gatgatgttg	ggcaggaagc	agaagaagaa	360
cttctcaggg	attgggatga	agggcagcag	ccccaggtag	taggaaagca	gcacccagaa	420
tcctcggctt	attgtgaagg	acaggggcat	ctcgggggtg	gcagccttgc	atctcttcat	480
gaccgagctc	ttctccgagg	cccagatggt	gatttcatta	cggtcatagc	gtctcaccaa	540
gcctgctcac	ggatgagctc	ttcgttcttc	cctttgatct	ctacgctcat	gggtgtcctt	600
ggaaacctct	ggaacaggtc	ctccagacga	accatgcgcc	ggtctgaccc	gtgagcaaag	660
tggcctggag	agaagtaaac	ctccagcttc	tccttgtaga	ggggcaggtc	ctcgaagtcc	720
aggctgcccc	catccctggt	taggcccgcac	tggcggcaca	ggttctcatc	atgtgacacc	780
accaccactc	tgtcccgtgt	cagctgacag	tcgagctcca	ggagggtccga	gcgctggggc	840
atggagctgt	gggggtgaag	gtcagcgggg	ggcaggggca	ggggactggg	atgaggggca	900
tgggtggctgg	gaggtggccg	ggaatgtgag	agcggagttc	gtggcgggat	gtgcaggcca	960
cctccagggg	gcgccagtca	cccagctagg	aagtgaatgg	cgcccttgc	tgtgatgcag	1020
tcacgacct	gcacaccctc	acatggcag				1049

<210> 6251

<211> 1388

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (538)...(87)

<223> similar to gi4929741 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6251

tttttttttt	ttccgcagaa	aagaaattta	ttaccaagct	ataaattaga	ggcggcgggg	60
tgggcggggg	gagccgagca	gtcacgtatg	gggcatctgc	cctttttctc	tgtcctcctg	120
ggcctggatt	ttgagttcct	catccaggcg	ctcctttgcg	cggaccacct	ttgactgcag	180
gtagaaggag	ccacccacgg	atztatcatt	caccttaaat	aagtgttcat	agttcttctg	240
gacctctca	gggctcagct	tggacacggt	gagaatctgc	tgtgcctcct	ggaggctgag	300
gccggagagg	ttggaagcgg	ctgcagaccg	gtgtccagcg	cgccctcggg	catcagctgc	360
ggcccggctg	gctgtgtgga	catgtgggtg	atcgctcagt	cctcagcagc	ccacacttca	420
ccctgggctt	tcagagttgg	tggctcacc	ctgcaaactc	ctgccgcaag	gcccgtgcaa	480
aggccctgcc	caccacctgc	acgcccatca	caatgatctg	ggccaggtag	ttggctggac	540
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ccttcaggaa	aggcgtagag	gagcaaggca	aagtggctgc	aaccaccggc	ttcaggaaga	660
aacactgtgg	tctgggagcc	agaacacagg	gacagccctg	gacctggcag	taactcactc	720
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gcccactagg	agggtattta	aacacactat	ggaccaaata	atgagggaga	gtcaggctcg	960
ttcattttgt	cagccattgg	ttcaccatt	cattcaaaca	tctgctgaga	gtctactctg	1020
ctcagcactt	gagcacaag	ctacacagaa	cctggctcct	gccccgagtc	agagcacact	1080
gctggcctgg	cagggaaacc	cactgtcaca	caccaggctg	aacatgccgg	aacactgcac	1140

gtgtgattcc	atgccccgca	gaggccctgg	ggactcacta	agatgtgagc	ggaagcaaca	1200
gagtcgaggg	aaaactcaag	actgagatgg	gattcggtga	gaggaggggg	ttctgtgtga	1260
gaggagggcg	ttccgtgaga	ggaggggggtt	ccgtgagagg	agggggttcc	gtgagaggag	1320
ggggttctgt	gtgagaggag	ggggttctgt	gtgagaggag	ggggttctgt	gagaggaggg	1380
ggttcctg						1388

<210> 6252

<211> 6491

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (194)...(4099)

<223> similar to gi3327068 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6252

ctgcaggaat	tcggcacgag	ccggcacaaa	cctcagtggg	ggttctgtgg	ttgtttctgt	60
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tgggagcctc	ctaggggtgag	ggaaattaag	agcttttcaga	ggaatgaggc	gactgatttg	180
caaacggatc	tgtgattata	aaagcttcga	tgatgaagaa	tcagtggatg	gaaataggcc	240
atcatcagct	gcatcagcct	tcaaggttcc	tgcacctaaa	acatccggaa	atcctgccaa	300
cagtgcgaagg	aagcctgggt	cagcaggtgg	ccctaagggt	ggagcaggtg	cttctaagga	360
aggaggtgct	ggagcagttg	atgaagatga	ttttataaaa	gcttttacag	atgtcccttc	420
tattcagatt	tattctagtc	gagaactcga	agaaacatta	aataaaatca	gggaaatfff	480
gtcagatgat	aaacatgact	gggatcagcg	tgccaatgca	ctgaagaaaa	ttcgatcact	540
gcttggtgct	ggagctgcac	agtatgattg	cttttttcaa	catttacgat	tgttggatgg	600
agcacttaaa	ctttcagcta	aggatcttag	atcccagggtg	gttagagaag	cttgtattac	660
tgtagcccac	ctttcaacag	ttttgggaaa	caagtttgat	catggcgctg	aagccattgt	720
acctacactt	tttaatctcg	tccccaatag	tgcaaaagtc	atggcaactt	ctggatgtgc	780
agcaatcaga	tttatcattc	ggcatactca	tgtaccacga	cttatacctt	taataacaag	840
caattgcaca	tcaaaatcag	ttcccgtgag	gagacgttca	tttgaatttt	tagattttatt	900
gttgcaagag	tggcagactc	attcattgga	aagacatgca	gccgtcttgg	ttgaaactat	960
taaaaagggg	attcatgatg	ctgacgctga	ggccagagtg	gaggcaagaa	agacatacat	1020
gggtcttaga	aaccactttc	ctgggtgaagc	tgaaacatta	tataattccc	ttgagccatc	1080
ttatcagaag	agtcttcaaa	cttacttaaa	gagttctggc	agtgtagcat	ctcttcacac	1140
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cctgaatgca	ggttcctatg	cgctactaga	ggatacttct	gacaagctgg	atggaacagc	1440
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caaggcagat	tctagaggaa	gaagtcgaac	aaaaatggtg	tctcaatcac	agcctggtag	1560
ccggtctggg	tctccaggaa	gagttctgac	cacaacagcc	ctgtccactg	tgagctctgg	1620
tgttcaaaga	gtcctgggtca	attcagcctc	agcacaacaaa	agaagcaaga	taccacggag	1680
ccagggtctgt	agcagagagg	ctagtcctatc	taggctttca	gtggcccga	gcagtcgtat	1740
tcctcgacca	agtgtgagtc	aaggatgcag	ccgggaagct	agtcgggaga	gcagcagaga	1800
cacaagtcct	gttcgctctt	ttcagccctt	cgctccaga	caccattcca	gatcaactgg	1860
tgccctctac	gccccgaag	tgtatggggc	ctcaggtcca	ggttatggga	tcagccaatc	1920



aagtcgactg	tcgtcttctg	ttagtgccat	gcgagtcctg	aacacaggtt	ctgatgtgga	1980
ggaggcggtg	gcagatgcct	tgctcttagg	agacatacgg	actaagaaaa	aaccagctcg	2040
aagaagatat	gaatcatatg	gaatgcattc	agatgatgac	gccaaacagcg	atgcatctag	2100
tgcttgttca	gaacgctcct	atagttctcg	aaatggtagt	attcctacat	atatgaggca	2160
gacgggaaga	tgtgggcaga	agtcctcaat	agatgtgcta	gttccaattg	gtcagaaaagg	2220
aaagaaggcc	tcctaggtct	gcagaactta	ttaaaaaatc	agagaacact	aagtcgagtt	2280
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<210> 6253

<211> 1366

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (187)...(793)

<223> similar to gil370222 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6253

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<210> 6254

<211> 5805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (236)...(4528)

<223> similar to gi2094873 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6254

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<210> 6255

<211> 1962

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (16)...(1188)

<223> similar to gi6015189 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6255

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 <213> Homo sapiens

<220>  
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 <222> (193)...(5956)  
 <223> similar to gill107696 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<212> DNA

<213> Homo sapiens

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<221> misc\_feature

<222> (3090)...(1212)

<223> similar to gi6014493 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 6258

<211> 1535

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1397)...(592)

<223> similar to gi3925830 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 6258
tttttttttt ttgatattaa atgttaaatt ttatttcaaa aaactatcac agcctaaagg      60
gaaatataat ttaagcatta agatagtaca tttcagaaaa taagctagta ttttcatggt      120
acatttttagg tacctatcat ttgtcattcc aagagatcct tgcgttctag actctagaat      180
taaattgggggt aaaggggttat gctttttaaga actataagct gaaatgattt acttcagttc      240
aatatagaat atttgtcagt caagataaca atcaatgtgt acaaaaattt acataacaag      300
aggaaaaata ggcagtgagc cacttttaga aaaataatta aaagtttcat tgcatttaca      360
ggtaagtgcc acactgagaa tttacaatac agtaatttac tgcaatcaca ggggagttcc      420
ataaagaaac aaagctctta cactccaggt ttttggagg tggtattgga atgcttaact      480
gaaacccacac agaacttgta tatcccttag gattgagttg atggaaggtc ataaaagggt      540
ttcatagcat ctattatata aaaggagttc actgcatttg gatagctggg ttagtgtctc      600
tgacaagtgt gaagcctaga agaattactg gcttgatggg gatctttctg tatccggcaa      660
gacagacctt tcacacagta acaacgctgg aatatttcta gtccatgaga gccttttctc      720
ctatgcttgg tacacacttg accttctttc aggacaggtt tacagatctt ggaccagaag      780
tgtctagcac aacacaaatcc tgaggcacag tctgatgacc ggagacaaac agaaccttct      840
tgtccttttg tggtgatacat ttttgaagac aagggtggtt ttctggaata cccatccaag      900
gtgctatgat cattaccaaa gctttcagtg atggtttcct caatttctcc tcggaaatga      960
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tgacgcatgc agcgttttcg gcgcttcttg caggcgagac agatttgac gcccgcgtcc     1080
cctccgcggg tgggactagc gcagtactca tcagtgccgc actcctcgtc ctctgcgcac     1140
gggtacggct ggtagttgtc aatgggtctg tacttattcc cgcccgggta caggattccc     1200
ggcgcggcgc tgactgcaga gccttgggtg ccccgagcg cgcccagcg gtgggggcag     1260
gttcttgata gcgttggaat tgagaaccga gttcaagggt gcgctcactc ccagcagagg     1320
gtggccgccc agagccgccc ctaccatcgc gacaaagacc cgggtagctc ccgctgcgcc     1380
cagagccatc atctcagaag gactcaagag ggagaaaaga agagaaaatg accgtcactt     1440
tgcaagcctg ggtccccacg aaaccgtgcc ggttcggctg cagagtcagg gtccgggagc     1500
cccctgcggt cccagagtcc tgactgcagg gagca                                     1535

```

<210> 6259

<211> 2619

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (132)...(2237)

<223> similar to gi3002963 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 6259
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acttttatac aatggaaaca acttttttgt tttggaaaaa agaaagatgc tgccgctaatt     180
cagtggatga aagatgataa tatggataca aaatctattc tagaagaact tcttctcaaa     240
agatcacagc aaaagaagaa aatgtcacca aataattaca aggaacgggc tttttgtttt     300
gaccaaaca aacctttcct actatgaata tgacaaaatg aaaaggggca gcagaaaagg     360
atccattgaa attaagaaaa tcagatgtgt ggagaaagta aatctcgagg agcagacgcc     420
tgtagagaga cagtacccat ttcagattgt ctataaagat gggcttctct atgtctatgc     480

```

atcaaagtaa	gagagccgaa	gtcagtggtt	gaaagcatta	caaaaagaga	taaggggtaa	540
ccccacctg	ctggtcaagt	accatagtgg	gttcttcgtg	gacgggaagt	tcctgtgttg	600
ccagcagagc	tgtaaagcag	ccccaggatg	taccctctgg	gaagcatatg	ctaattctgca	660
tactgcagtc	aatgaagaga	aacacagagt	tcccaccttc	ccagacagag	tgctgaagat	720
acctcgggca	gttcctgttc	tcaaaatgga	tgcaccatct	tcaagtacca	ctctagccca	780
atatgacaac	gaatcaaaga	aaaactatgg	ctcccagcca	ccatcttcaa	gtaccagtct	840
agcgcaatat	gacagcaact	caaagaaaat	ctatggctcc	cagccaaact	tcaacatgca	900
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cagcagtgaa	gatgttgcaa	gcagtaacca	aaaagaaaga	aatgtgaatc	acaccacctc	1020
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ttatgactgg	tttgctggta	acatctccag	atcacaatct	gaacagttac	tcagacaaaa	1140
gggaaaagaa	ggagcattta	tggttagaaa	ttcgagccaa	gtgggaatgt	acacagtgtc	1200
cttatttagt	aaggctgtga	atgataaaaa	aggaaactgtc	aaacattacc	acgtgcatac	1260
aaatgctgag	aacaaattat	acctggcaga	aaactactgt	tttgattcca	ttccaaagct	1320
tattcattat	catcaacaca	attcagcagg	catgatcaca	cggctccgcc	accctgtgtc	1380
aacaaaggcc	aacaaggctc	ccgactctgt	gtccctggga	aatggaatct	gggaactgaa	1440
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gggcaagtgg	aaggggcagt	atgatgttgc	tgtaaagtat	atcaaggagg	gctccatgtc	1560
agaagatgaa	ttctttcagg	aggcccagac	tatgatgaaa	ctcatccatc	ccaagctggt	1620
taaattctat	ggagtgtgtt	caaaggaata	ccccatatac	atagtgactg	aatatataag	1680
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gccccacctg	gcacgcggaca	ccatctacca	gatcatgtac	agctgctggc	acgagcttcc	2160
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ccagcatttt	cattcatttt	aaggaaagta	gcaaggcata	atgtaattta	gctagttttt	2340
aatagtgttc	tctgtattgt	ctattattta	gaaatgaaca	aggcaggaaa	caaaagattc	2400
ccttgaaatt	tagatcaaat	tagtaatttt	gttttatgct	gctcctgata	taacactttc	2460
cagcctatag	cagaagcaca	ttttcagact	gcaatataga	gactgtgttc	atgtgtaaag	2520
actgagcaga	actgaaaaat	tacttattgg	atattcattc	ttttctttat	attgtcattg	2580
tcacaacaat	taaatatact	accaagtaca	gaaatgtgg			2619

<210> 6260

<211> 1244

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (394)...(966)

<223> similar to gil531665 in the genepept database release 114,  
Run with FASTX 3.3t00, default parameters

<400> 6260

gacaatgatt tcttgcgga cacagtgcac aggcattgagc caccagtcac agcagagccc 60

attcgctgc	tagctgagaa	cgaagatgtg	gtggttgtag	acaagccttc	ctccattccc	120
gttcacccct	gtggccgctt	ccgacacaac	acagttatct	tcatacctagg	caaggagcac	180
caactcaagg	agctacaccc	cttgcacgg	cttgaccgcc	ttacctcagg	ggtgcttatg	240
tttgccaaga	cagctgcagt	ctctgagaga	attcacgagc	aggttcggga	ccggcagctg	300
gagaaggagt	acgtgtgccg	ggtggaaggg	gagttcccca	ctgaggaagt	gacctgtaaa	360
gaacccatct	tagtggtgtc	ttacaaagta	ggggtgtgcc	gtgtagatcc	ccggggcaag	420
ccctgtgaga	cagtgttcca	gaggctaagc	tacaatggcc	agtccagtgt	ggtacggtgc	480
cggccactca	caggccgcac	acaccagatt	cgagtccacc	ttcagttctt	gggccatccc	540
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tacattccca	agacaaacga	ggagttgcta	cgggacctgg	tagcagagca	ccaggccaaa	660
cagagcctgg	atgtgctaga	tctctgtgag	ggtgacctgt	ccccaggact	cacagactct	720
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ctataaaggg	ccaggctttg	agtacttttc	accaatgcct	gcctgggcac	aggatgactg	1020
gcaaaaggac	tgagggtgtg	gccaatggag	ggattgcttc	ttgggttgtg	acaaggatgg	1080
gctatagggc	aagggtgac	cccatgggct	agtacttggg	gtttctatag	gaatgaggac	1140
gggcttctaa	agagacctgc	tcatacttgc	tacctccttc	cagtgggaat	ttggagactt	1200
tttggtttgt	aaatatatcc	ctttttctaa	catcaaaaaa	aaaa		1244

<210> 6261

<211> 5890

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (333)...(2352)

<223> similar to gi4589556 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6261

ggcacgagct	tggacaggta	gagtacgtgt	ttacagataa	aactggtaca	ctgacagaaa	60
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gacttgtacc	cgaaggacca	acaccagact	cttcagaagg	aaacttatct	tatcttagta	180
gtttatccca	tcttaacaac	ttatcccatc	ttacaaccag	ttcctctttc	agaaccagtc	240
ctgaaaatga	aactgaacta	attaaagaac	atgatctctt	ctttaaagca	gtcagtctct	300
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ccaacctggc	accatcgag	ttggagtact	atgcactctc	accagatgaa	aaggctctag	420
tagaagctgc	tgcaaggatt	ggtattgtgt	ttattggcaa	ttctgaagaa	actatggagg	480
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aaggagctga	gtcatcaatt	ctccctaaat	gtataggtgg	agaaatagaa	aaaaccagaa	660
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agtgtgagtt	tatcatgtgg	ccattttcat	agaacctga	acatccttga	acttataaac	1020

cagaaatcag	acagcgagtg	tgctgaacaa	ttgaggcagc	ttgccagaag	aattacagag	1080
gatcatgtga	ttcagcatgg	gctggtagtg	gatgggacca	gcctatctct	tgcaactcagg	1140
gagcatgaaa	aactatttat	ggaagtttgc	agaaattgtt	cagctgtatt	atgctgtcgt	1200
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catatttctt	taaaattctt	tctttggaaa	gtatgatgtt	gataattaac	ttacccttat	4800
ctgccaaaac	cagagcaaaa	tgctaaatac	gttattgtct	atcagtgggc	tcaaatcgat	4860
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agtttccaaa	attgccccct	agctgcttta	agtgactcag	caccctgcct	cagcttcagc	4980
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acctgctgtc	gagttgagaa	aaggggagaa	tttatgggtct	gaattttcta	actgtcctct	5100
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cataactcat	gatatgtttg	taatcatggt	aatttagatt	tttatgagga	atgagtatct	5700
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tgtaatcctt	taaaaattct	ctgcattgtc	agtaaagtta	gtatattatt	gtacagctac	5820
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aaaaaaaaa						5890

<210> 6262

<211> 2317

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (248)...(1660)

<223> similar to gi2739460 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6262

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<210> 6263

<211> 6941

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (85)...(4217)

<223> similar to gi3043680 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6263

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<210> 6264

<211> 4554

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4312)...(1089)

<223> similar to gi3882289 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6264

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<210> 6265

<211> 4879

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (610)...(4879)

<223> similar to gi3882263 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6265

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<210> 6266

<211> 7564

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (685)...(3534)

<223> similar to gi2224581 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6266

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<210> 6267  
 <211> 770  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (359)...(773)  
 <223> similar to gi4884094 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6267

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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(8873)  
 <223> n = a,t,c or g

<220>  
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 <222> (170)...(5244)  
 <223> similar to gil212917 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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cggacagcag	ctgtggcgac	ctgcgtttct	ccctgggcct	gtgcttctctg	tagttagtcc	8640
gtcccctggt	tcccctgtgg	ctcagaggcc	gcgtccctgg	cttgtacata	tgtgattgct	8700
gtgggcacac	cccagacccc	atgtcatagc	tgccgtcccc	acgtcacgac	gcccgtcccc	8760
atgtcttaca	cccagagtgtt	agccctaggc	tcctgtactg	tgcgtgcact	tgaggctctg	8820
taccaattaa	gaaataaatg	tggctcttac	tcaacacagt	agaaaaaaaa	aa	8872

<210> 6269

<211> 1268

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (46)...(742)

<223> similar to gi2980859 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6269

gcagttatca	tagagcacag	tccttcacat	cacacagctg	cagagatgag	taaacaaaga	60
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ggcaataaaa	gctccatttc	aggaaccgaa	caggaaatat	tccaagtaga	attaaatctt	180
caaaatcctt	ccctgaatca	tcaagggatt	gataaaatat	atgactgcc	aggtttactg	240
ccacctccca	gagaagtcca	ctgccgaggt	cctaggaatc	atttgcatgt	tcctgatggc	300
cactgtgtta	aaaacaatag	ttcttattcc	tttctggag	cagaacaatt	tttccccgaa	360
tacaagaacg	cagaaagcac	gtcattgtgg	ccattgtcct	gaggagtggg	ttacatatcc	420

caacagttgt	tattacattg	gtaaggaaag	aagaacttgg	gaagagagtt	tgctggcctg	480
tacttcgaag	aactccagtc	tgctttctat	agataatgaa	gaagaaatga	aattttctggc	540
cagcatttta	ccttcctcat	ggattgggtg	gtttcgtaac	agcagtcac	atccatgggt	600
gacaataaat	ggtttggcct	tcaaacataa	gataaaagac	tcagataatg	ctgaacttaa	660
ctgtgcagtg	ctacaagtaa	atcgacttaa	atcagcccag	gggggatctt	caatgatata	720
tcattgtaag	cataagcttt	agaagtaaag	catttgcgtt	tgcaagtgc	cagatacatt	780
ttatatttct	taaaatagaa	atattatgat	tgcataaatc	tgaaaatgaa	ttatgttatt	840
tgctctaata	caaaaattct	aaatcaatta	ttgaaatagg	atgcacacaa	ttactaaagt	900
acagacatcc	tagcatttgt	gtcgggctca	ttttgctcaa	catgggtattt	gtgggttttca	960
gcctttctaa	aagttgcatg	ttatgtgagt	cagcttatag	gaagtaccaa	gaacagtcaa	1020
acccatagag	acagaaagta	gaatagtgg	tgccaatgtc	tcagggaggt	tgaaatagga	1080
gatgaccact	aattgataga	acgtttcttt	gtgtcgtgat	gaaaactttc	taaatttcag	1140
taatggtgat	ggttgtaact	ttgcgaatat	actaaacatc	attgattttt	aatcatttta	1200
agtgcataaa	atgtatgctt	tgtacatgac	acttcaataa	agctatccag	aaaaaaaaaa	1260
gcctctga						1268

<210> 6270

<211> 1834

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (461)...(1836)

<223> similar to gi31633 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6270

tgcccgtagc	agcgcctgag	ccaagcttgg	cacgaaggtt	aaatttttct	gcatttaaaa	60
aatgtgcgga	ttggtctccg	gatccagagg	ctggtaccac	cttcctttct	aaaataaaaat	120
ctctctggca	tgaagtcacc	gcctatttca	catccggttt	gccctgggac	gtattactac	180
tgtcttggtg	aagagaaatc	ttttgttgta	tagctgcaga	ttggatattg	ggaagcaa	240
ttgggtgtga	aatcttcagc	aaaggagcac	gcagagtcca	tgatggctca	taccaagtga	300
gtgagaggca	gagcgaggac	gcccccttgc	tctggcgcg	ccggactcgg	actcgcagac	360
tcgcgctggc	tccagtctct	ccacgattct	ctctcccaga	cttttccccg	gtcttaagag	420
atcctgtgtc	cagagggggc	cttagctgct	ccagcccgcg	atgaggaaaa	gtccaggtct	480
gtctgactgt	ctttgggcct	ggatcctcct	tctgagcaca	ctgactggaa	gaagctatgg	540
acagccgtca	ttacaagatg	aacttaaaga	caataccact	gtcttcacca	ggatttttga	600
cagactccta	gatgggttat	acaatcgcct	gagaccagga	ttgggagagc	gtgtaaccga	660
agtgaagact	gatatcttcg	tcaccagttt	cggaccgcgt	tcagaccatg	atatggaata	720
tacaatagat	gtatttttcc	gtcaaagctg	gaaggatgaa	aggttaaaat	ttaaaggacc	780
tatgacagtc	ctccgggttaa	ataaccta	ggcaagtaaa	atctggactc	cggacacatt	840
tttccacaat	ggaaagaagt	cagtggccca	caacatgacc	atgcccaaca	aactcctgcg	900
gatcacagag	gatggcacct	tgctgtacac	catgaggctg	acagtgagga	gctgaatgtc	960
cgatggcatt	tgggaggggac	ttccctatgg	gatggcccat	gcttgcccac	taaaatttgg	1020
aagttatgct	tatacaagag	cagaagttgt	ttatgaatgg	accagagagc	cagcacgctc	1080
agtggttgta	gcagaagatg	gatcacgtct	aaaccagtat	gaccttcttg	gacaaacagt	1140
agactctgga	attgtccagt	caagtacagg	agaatatgtt	gttatgacca	ctcattttcca	1200
cttgaagaga	aagattggct	actttgttat	tcaaacatac	ctgccatgca	taatgacagt	1260
gattctctca	caagtctcct	tctggctcaa	cagagagtct	gtaccagcaa	gaactgtctt	1320

tggagtaaca	actgtgctca	ccatgacaac	attgagcatc	agtgccagaa	actccctccc	1380
taaggtggct	tatgcaacag	ctatggattg	gtttattgcc	gtgtgctatg	cctttgtgtt	1440
ctcagctctg	attgagtttg	ccacagtaaa	ctatttcact	aagagaggtt	atgcatggga	1500
tggcaaaagt	gtggttccag	aaaagccaaa	gaaagtaaag	gatcctctta	ttaagaaaaa	1560
caacacttac	gctccaacag	caaccagcta	caccctaat	ttggccaggg	gcgacccggg	1620
cttagccacc	attgctaaaa	gtgcaaccat	agaacctaaa	gagggtcaagc	ccgaaacaaa	1680
accaccagaa	cccaagaaaa	cctttaacag	tgtcagcaaa	attgaccgac	tgtcaagaat	1740
agccttcccg	ctgctatttg	gaatctttta	cttagtctac	tgggctacgt	atttaaacag	1800
agagcctcag	ctaaaagccc	ccacaccaca	tcaa			1834

<210> 6271

<211> 6292

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(6293)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1134)...(5014)

<223> similar to gi4589564 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6271

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ctaatagaaa	agccattgcc	ctcttttctt	ccacccttaa	gaagacctgc	atctgttgga	120
ccaacagaca	actatccggc	ttacggccag	gggagcccct	gcagctgcac	agaaccagtt	180
tcttatgtat	ctggcggtaa	ttgggaaagc	ttctgagaaa	gtccatgggg	ccgatgtatg	240
ggagatgaat	gtggtcccgg	aggcatttaa	acgagggtcg	tgtggtgtgc	tcatgtggag	300
ggatggacta	cactgcatac	taactgtaag	caggccgaga	gacccaataa	ccagcagaat	360
tgtttcaaag	ttttgcgatt	tggcaciaag	agttgtacga	ctggagactg	ggaccttgga	420
atcagtgtca	gcccgtgatt	tcaaaaagcc	tagagaaacc	tcttgagtgc	attaaggggg	480
aagaaggtat	tcaggtgagg	gagatagcgt	gcattccagaa	agacaaagac	attcctgcgg	540
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gagtaaagga	tccagaagcc	cgcgagctta	ttaagaaaaa	gagaaacaga	aacaggcaga	960
acagacaaga	gaacaaatat	tgggacatcc	agattggata	tcaagaccaga	gaggttatgt	1020
gcattaacaa	gacggggaaa	gctgctgatt	taagcttttg	ccagcaagag	aagcttccaa	1080
tgaccttcca	gtcctgtgtg	atcaccaaag	agtgccaggt	ttccgagtgg	tcaagtgga	1140
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gaaccatcag	gcagtttccc	attggcagtg	aaaaggagtg	tccagaattt	gaagaaaaag	1260
aaccctgttt	gtctcaagga	gatggagttg	tcccctgtgc	cacgtatggc	tggagaacta	1320
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acgaaaacct	cctctcacia	ttaagtaccc	acaagaacaa	agaagcctca	aagccaatgg	1500
acttaaaatt	atgcactgga	cctatcccta	atactacaca	gctgtgccac	attccttgtc	1560
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tgccaaagct	acaggtggga	agactcaca	atgggcacag	atgccaaatt	agtcctcttg	2580
gagcgtgcaa	caagacagcc	cctggagcac	aggaaggctg	tgggcctggg	cgacaggcaa	2640
gagccattac	ttgtcgcaag	caagatggag	gacaggctgg	aatccatgag	tgcctacagt	2700
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aaggagacat	caaggaatgc	ggacaaggat	atcgttacca	agcaatggca	tgctacgac	3060
aaaatggcag	gcttgtggaa	acatctagat	gtaacagcca	tggttacatt	gaggaggcct	3120
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gcaagtccctg	tgggagtggt	gtgaaggttc	gttctaaatg	gctgcgtgaa	aaacatata	3240
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aagctaagca	gaaaatccac	tgaataaatt	cagcatcttg	gtggtcgatg	gtagatttta	5580
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ctagttgggt	tgtaattgtt	ctttgaaggc	tgtttatgac	tagattttta	tatttggttat	6180
ctttgttaag	aaaaaaaaag	aaaaaggaac	tggatgtctt	tttaattttg	agcagaagga	6240
gaaaataaat	aatgtatcaa	tgacctttgt	aactaaagga	aaaaaaaaaa	aa	6292

<210> 6272

<211> 3963

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3706)...(827)

<223> similar to gi5817157 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6272

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cgaaagtaaa	actcgtgtga	agtgtgcctt	gcacttagac	cagggttttcc	ccccttaata	180
catctttatt	tttgagctgc	aaacacactt	aagactttga	tcttcatagt	atggcattta	240
ggaaataaaa	atatactccc	accttaaaga	aataaaaagt	ttggtgcatg	attatatgcc	300
aaacaaagag	agaacactag	aatactcttg	atagtgcagg	catcattaaa	aaggaaaaga	360
aaaagcttga	gatgtctcatt	aattctctat	gttttaagga	agcaggattt	ttgaccaagt	420
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agctgctctt	tggaaacgtc	aagtgggacc	accttattcc	agtcacataa	gcccttgtaa	600
agtaacacag	tgttctgtgc	tatatacttg	ctggctgggt	agttacagga	ttgttttgt	660
cattagcagc	taaaaaactt	attccacatg	ttcttaaagc	cttaatgggtg	gaaaaaaagg	720

caagtgtcat	tagcatggtg	gatcatatac	ttctctgcac	acaaacacaa	gaggcttcac	780
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cctttctcca	ttgtagcagc	tagcaggcgc	tctctcatga	tctcctcgga	agaatattca	900
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accttgcgta	caaccgtgag	cctgggatgc	aggttagcca	gtccacctgg	gggtagagtt	1020
gaacaaccag	tggtaaactg	caagaatgct	ttcctttcat	cagaagacat	gccacataaa	1080
accctcacia	acctcaggaa	accagggctg	tcacgtgtat	aaccagctt	aggttcagtg	1140
taattgataa	tatcctctgc	tgcccaggat	gggtgactgg	ttccacaaag	aatcatttgg	1200
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ctaaaggctt	ccatttgttt	ctgaataccc	gtatgcatac	aaaagtcaaa	catcaaattcc	1320
acatattctt	ctgcattatc	cattgtttatc	atctcatctt	caccacttgg	cttgagatcc	1380
acagctgtaa	aaccatatac	tcttgaggaa	gggcaaaact	ggaaatttaa	acctaaattcc	1440
tctatgctaa	gtggaggccc	agaacctgat	ggattcttca	gcactagttc	ctgtaatttt	1500
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aggctcttaa	tttcttttaa	aaatctggct	ctgtgtgggt	ttactaattc	aaagtcttcc	1620
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ccaactcgaa	actctccagg	gtcatctcgc	ctaactctgc	ttgtggttct	cgttcgctcc	2340
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tag						3963



<210> 6273  
 <211> 2358  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (46)...(1320)  
 <223> similar to gi5919219 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6273

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ttcttgata	tagtaacttt	gtgccgatgt	gcacagattt	ccaaggcttg	gaacatctta	180
gccctggatg	gaagcaactg	gcaaagaata	gatcttttta	actttcaaac	agatgtagag	240
ggtcgagtgg	tggaaaatat	ctcgaagcga	tgcggtggat	tcctgaggaa	gctcagcttg	300
cgaggctgca	ttggtgttgg	ggattcctcc	ttgaagacct	ttgcacagaa	ctgccgaaac	360
attgaacatt	tgaacctcaa	tggatgcaca	aaaatcactg	acagcacgtg	ttatagcctt	420
agcagattct	gttccaagct	gaaacatctg	ggatctgacc	tcctgtgtgt	ctattacaaa	480
cagctccttg	aaggggatcc	agtgagggtc	gccgaaacct	ggagtacctg	aacctctctt	540
ggtgtgacca	gatcacgaag	gatggcatcg	aggcactggg	gcgaggttgt	cgaggcctga	600
aagccctgct	cctgaggggc	tgcacacagt	tagaagatga	agctctgaaa	cacattcaga	660
attactgcc	tgagcttgtg	agcctcaact	tgcagtctct	ctcacgtatc	acggatgaag	720
gtgtggtgca	gatatgcagg	ggctgtcacc	ggctacaggc	tctctgcctt	tcgggttgca	780
gcaacctcac	agatgcctct	cttacagccc	tgggtttgaa	ctgtccgcga	ctgcaaattt	840
tggaggctgc	ccgatgctcc	catttgactg	acgcagggtt	tacactttta	gctcggaatt	900
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tcagactctc	cattcactgt	cctaaactgc	aagccctgag	cctgtcccac	tgtgaactca	1020
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caccgacagc	agtggcagga	agtggacagc	gactgtgcag	gtgctgtgtc	attctctgac	1320
agcagctgcc	tgggccaag	gggtgatgag	gcactccttc	ctctagaaga	cctgagtcct	1380
cctgaccgac	tccaccatca	cccaatctgt	tgattctcca	ttgggaaagg	catttacagg	1440
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caattccatt	ttgattagca	ggacttttcc	actttgaaga	taaatagcaa	ctttatcaaa	1800
gtgactgtac	tgcaaatata	ttcataatgc	ctgatagttt	tatatataga	gacttatgtg	1860
gaaggcatgt	taataggttt	ccatgagaca	ccaaagaaaa	gaggactcta	tactgggtgg	1920
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acaaaagcag	ctcggagtct	gtgttgacct	attggaaagt	agaagctctg	gtgtatgcta	2040
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actgggggga	accttaagga	gaaagaacta	aggcttaagt	tatctgtagt	ataatcaatt	2160
agaagtaatg	aatggatgca	tgtaaaatgg	atgtgatttt	tttttcaagc	ttattttgaa	2220
atcttaaaaa	ttcaggttac	accatagcta	ctcaaaagtt	ttacacactt	aaaactcaga	2280
tcagtaagtg	ttggtacctt	ttagactcat	aaaattgaat	aaaccgattg	caatgcttta	2340

<210> 6274  
 <211> 1837  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1838)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1015)...(710)  
 <223> similar to gi2852636 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6274

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aaacaacaac	caaacaacaa	taacaaaatt	caaacaggag	cagagatggg	gctgaggcat	180
aggggaggcc	cctagcgctg	ccctgaggag	gaggggggtga	gaggctgagg	cactcagtct	240
cccttctgct	tgggtgcttg	cacagtccca	ttggccagag	cagtgggggt	gcctggggat	300
gaggcatttg	gtgtctggga	ggtgcctcga	gaggtgtgtg	gggggcgcag	gtaggtgctg	360
aagagtttcc	catagagtgg	gtcatggagg	gagaagttct	ggaactgaca	gaggagagg	420
ccttggctgg	atcctgcctg	gcacagctca	gcatgcaaag	ctgtggcagc	aggggtgggt	480
gaaccacaga	gcaggtgcag	gatgggtgctg	aagccgtctt	tgtacagcag	gcggttggga	540
ccctctgctt	gctcttcagc	aaagagctca	aaggccagac	gagttagctc	ttccaggctc	600
ctgcccccat	ccagagctgc	tagtgcaagg	gccacatctc	ggaagtccac	caaacccttg	660
gtatcctgct	ggaagtagcc	aaaggcacca	gccaccgtct	gaggatcaga	gagctgtagc	720
tgcctggcaa	actcttctctg	gctgatcatt	cgactccggc	ctggctctgc	cccagcgtcc	780
acatagccag	cggacagccc	agccttcgga	agcacttttc	ccagttccca	gagctgtggt	840
tccaacgcca	ccttcagccg	gccaccaca	atcacaggta	agctccctac	aaactcacat	900
tcggtggctg	gaatgccag	agcctgtgcc	atgaccctct	gaacattggt	ggcatagagg	960
gtgggggtccc	tgtctctctc	agggctgggg	tgatacacag	gaaggaactc	cacatccaca	1020
atgctgcagg	gctgagaggc	tgtgagccag	aggactttga	gtactccagg	acccctccat	1080
gcccagctgg	tggtgtccag	actggtgggg	tagcggatga	ggacaggctg	cacaggcacc	1140
cctgcgatga	aggctcccta	aatccccatt	tctggtttga	acttaagcaa	agccttcttg	1200
ttggaacagg	tgccctcagg	aaagaatagc	acctgcggcc	acttgccctc	tgaggtggcc	1260
cgcttctcga	cctcctccac	cactctgcgt	cgagaagccg	ggcatgccg	ggataccagg	1320
atggcttggt	tgaatcgaag	aagggtccca	atgacaggaa	cggaaagggt	ctcagctcgg	1380
gacacaactt	tgggcaggtc	acagggcagc	agaacaatgg	ggtcaaagaa	agtggagtgt	1440
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cggaggaagc	ccagcaggaa	aaacagcagg	cggctcaggc	ctagcaccac	gttgtggcac	1560
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ggggccagca	atgccccag	gaggcagaac	tttgccaggg	ctcaaattggc	cccattttcc	1740
tatcctcacg	ggtccttcg	acgcccgcctc	cccacacacc	tcgtgccaa	cttgccgtaa	1800
tgaggtcaaa	cagtnctcat	nntcatnccc	ccccgcg			1837

<210> 6275  
 <211> 3096  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3097)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (295)...(60)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6275

gcgctgtggc	tcatgcctgt	agtcccagca	ctttgggagg	ccaaggcagg	ggggatcgcc	60
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acaaaaatta	gcctggcttg	gtggcgggca	cccgtagtcc	cagctacttg	ggaggetgag	180
gcatgagaat	tgctcgagcc	tgagaggcag	aggttgcagt	gagccaagat	tgcgccactg	240
cactccagcc	tgggtgacag	agcaagactc	catttcaaaa	aaaaaaggaa	aaagagacta	300
agagactaat	tatttggaat	ctggaagttt	aaaatccaac	ttttctcttt	ctcctttggg	360
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tgagattca	gggccacgtg	ttcaattctg	atacagtagg	tcctgtaata	aggcctagga	480
atggccattt	ttaaacagta	cactaggtagg	ttttgatata	gatccaagga	ctctaattta	540
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aagctacaac	gaagatctgt	atgaagatat	atagttctgc	agaattttaa	aagagcacia	660
tttaagtctt	cggccctcag	aagttaaatt	catattccat	ctaagccaac	tttgattttc	720
attaagttag	aatgaactcc	tagtattcca	gtattacaca	gaacgaagta	ctactactaa	780
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acaaattcag	gttcagaaat	gaaagggaa	acactacaga	cactatagtt	attaaaaggc	1020
taactagaaa	acaccatgac	caactcaagg	attgtatatt	taacaactta	gatgaaacag	1080
attccctata	ggatacaaac	tagaaagctc	actgtagaaa	cagataacct	aaacagaacc	1140
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taccaaattg	tgatatctaac	ttttataata	taggttaaac	agatcctttc	taagatggca	1920

ttattttaatc	tttactttaa	actatgaaaa	atatgtgtaa	gttattgttt	ataaacagaa	1980
gagactataa	ttaaaatata	gagcagattc	caagtgacca	tcattttact	ttttagattt	2040
aaaacagaat	gaaacagaag	athtagtcat	aagaagatgc	ttgaaaaaca	atccaagtat	2100
ccaatgcagt	ggctataaaa	tattatttca	tcattttaatc	ttaatcattt	tgaacaaaag	2160
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tcagccaact	atacccttgg	cggggccaaa	tctggccccg	gctggcctct	ttttttttga	3060
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<210> 6276

<211> 2930

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2840)...(613)

<223> similar to gi575654 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6276

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acacagtggg	agtggaggat	ggcttccccg	cagcctcttt	agaaagccca	ggagtctctc	180
ttatttcaga	gaagggcatt	tctatacaag	acatcattcc	attacagtcg	tcacttccaa	240
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gcgagagctg	agaagctttt	tatgtcactt	gcttgtagtc	ccaacttttg	tatctgctct	720
cccaagtact	caacatctag	ggccaactgc	agcctgattt	tgctgtgtgc	gctcatgcca	780
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caggctgaaa	aagagctctg	ggagtcctcc	agggctgctg	agatagaaga	aaaattctta	1200
aagccaatca	tttcaagttt	tggcttgatt	atctccaaga	gttctggaag	ctgctcctga	1260
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cctccgcgtc	ccgtgtcttg	tcaatcgtgg	cgtaagtccg	caagcagtgc	cgtattatat	2160
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<210> 6277

<211> 696

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (669)...(170)

<223> similar to gi4929725 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6277

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ggataccaat	tatgccaggt	tgaggggtac	aaaggcccag	gttccaggag	ccgggctgac	180
aggcactgaa	ttcacaacct	ccaagagggtg	gggtgttctt	ccaagggcag	ttgccaccc	240
cgcttcttta	atctgcaagt	tgcttgttca	ctgcatgctc	tgaggcatgg	gtccccggag	300

taatgtgcac	gtccatcttg	aaacgctgag	gaagggagcg	cagaagcttg	accttgatgg	360
acagaccaat	aaggggtggc	atgctgcagt	gcggaatgg	tgggtgtgaaa	gccacagcca	420
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gcgtcagtg	atgctccggg	tcattgatgg	agcgaatcag	atcgaagatc	tcgcgtgcgt	540
cgatgctgtc	gggaacctgc	tcgtcctcct	cgctgcccgt	cacaggccgc	tccccagagc	600
gctggtagat	gaggggggtg	gcattctcca	ggaggccgcc	gccgaccccg	ccgccgccta	660
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<210> 6278

<211> 2374

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2138)...(755)

<223> similar to gi3133134 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6278

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aagacaactg	tgcaccagt	cctcaggtgg	gaagaggaag	cccagccagg	cccggaatcc	360
gcctcctccc	cagggtcctg	ggagctctga	ctctccgggg	cgttagaccg	aaccagccag	420
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tttaaaggcg	aaatggttcc	gtctttggta	tgaacaccct	cactccaggc	aaaggagggg	540
gtgggcaggg	gccccggcag	gaggaggctc	tgcccagccc	ggggccagct	ggaggaagga	600
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ccgggacgcc	ccccggggcc	gccggatcgg	gttggggggc	cgcgcccccc	gagcccagag	2340
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<210> 6279

<211> 1920

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1857)...(715)

<223> similar to gi2997692 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6279

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agggaatgca	ggttataacc	attggccctt	taattgaaga	gtctaaaaac	tagaggtctg	180
taacagaata	ctaactctgc	agaacaaggg	acagaaaagt	caggcgaggc	aagcttgtct	240
tcgtaacctg	ggctctcaat	tgggggtgctc	tcttacattt	caattgaata	tctgttttta	300
aacctccctt	caacagtcag	ggtgtctgtc	tattttgtgg	cttccaaaat	tctaactgca	360
aaataaatga	ccatcttatc	atgttttccc	atggctatca	ggaggatata	gcaattttat	420
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atgcattcaa	aagcaacccc	tggatttttt	tcaatgtaaa	aaagaaaaat	agatacccat	540
gccaaaattc	atgggtgtaa	acagccaaca	gagccaaact	tacaaagaaa	atgaaagact	600
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caggtataaa	agcactaagc	ttgatttttg	tattgctaca	gtctctttct	tctaagggga	720
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<210> 6280

<211> 4179

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (176)...(2834)

<223> similar to gi3095032 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6280

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gggcacctgt	gggcagccag	tgaaccccg	cttcgatttg	tcccgccgga	acccgcagga	180
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ctttgcagtt	gtgcagcaag	aaattatcat	gatgaaagac	ttgtaaacac	ccagagtatt	360
gttgcttatt	tttggaagct	atcttcaggc	gagataagct	ttggattttg	catggagttt	420
ttgtggaagt	gggtccttta	caggatattt	atcacgtaac	tggacctctg	tcagaactgc	480
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<210> 6281

<211> 2441

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (64)...(2238)

<223> similar to gi5578958 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 6281
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tgtgacgacc ataagttgca gcggtacgcg cttaacgca tcacggtgtg gaggagcagg 300
tcaggcaacg aactccctct ggcagtggct tctactgctg acctgatacg ctgtaagctc 360
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<210> 6282
<211> 5470
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (5471)
<223> n = a,t,c or g

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<220>  
 <221> misc\_feature  
 <222> (27)...(4397)  
 <223> similar to gi2230888 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6282

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<210> 6283

<211> 1913

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1914)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (465)...(1794)  
 <223> similar to gi4580013 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 6284  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (47)...(681)  
 <223> similar to gi206543 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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attgttccac	aaattgtgcc	tccaatttta				750

<210> 6285  
 <211> 1583  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (51)...(1038)  
 <223> similar to gi642942 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6285

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<210> 6286

<211> 2340

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (94)...(2121)

<223> similar to gi4753778 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6286

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gagaaacgga	ggctccatga	ccctgcgtcc	tgacgcctcg	cgttggagcc	actcctgtcc	2160
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<210> 6287

<211> 1156

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1157)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1102)...(484)

<223> similar to gi5565870 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6287

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ccaggcagag	ctgctgggtc	gacacatcct	ggggctgggc	tggtcgggga	gaagctctcc	360
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gcgcttcttg	cctgcatggc	gcagtgccag	ggccagctcc	gtggagatgg	tgcttttccc	1020
aacgcccc	tttctgaga	ggaccaggat	gatgtgcctg	acgccggcca	ggtttccagg	1080
cntgcccgcg	cctccatccc	gccgcctcca	ggagctcgng	gctgcacgtc	cttaccgcg	1140



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<210> 6288
<211> 4379
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (212)...(3470)
<223> similar to gi3327146 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gcgtgcttcc gtgggctggg cgctgggttc gcggcgcgcc ctctgctgc ctccccggag      180
ctccccggcc agtagcgttt agtcacatca agaaatagaa cagaattcag ccatggcccc      240
aagaaagaga ggtggacgag gtatttcatt catcttttgc tgtttccgaa ataatgatca      300
cccagaaatc acgtatcggc tgcgaaatga tagcaacttt gcgcttcaga ccatggaacc      360
agcattgccc atgccccctg tggaggagct ggatgtcatg ttcagtgaac tgggtgatga      420
actggacctc acagacaaac acagagaagc catgtttgca cttccagctg agaaaaaatg      480
gcaaatatac tgtagcaaga aaaaggacca ggaagaaaac aaggagagta caagttggcc      540
tgaattctac attgatcagc tcaattccat ggctgctaga aaatctctgc tggctttaga      600
gaaggaagaa gaagaagaaa gaagtaaaac tatagagagt ttaaagacag cactgaggac      660
aaaaccaatg aggtttgtaa ccagattcat cgacttggat ggcctatcat gtatcctcaa      720
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tggaaggaac agtatggacc gaaattgatg atacaaaagt cttcaaaatt ctagatcttg     2160

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<210> 6289

<211> 1596

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (706)...(186)

<223> similar to gil825739 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6289

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gaggaaactg	gctgagtcta	aggttacata	tttctgctca	gtaagggtat	ccatggtgat	180
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<210> 6290

<211> 2526

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (216)...(1361)

<223> similar to gi4914573 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6290

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<210> 6291

<211> 5840

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (398)...(4178)

<223> similar to gi2204213 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6291

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cagcggcgcc	attggcgtgt	ggaaaatgcc	accagatggc	gggttaggat	tgcagctccg	180
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tcggaataa	cacaccggag	acttttggg	ggaaactag	tcgatggcg	gcggcgccg	300
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<210> 6292

<211> 4093

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (40)...(2511)

<223> similar to gi3882341 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6292

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<210> 6293

<211> 1110

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (448)...(695)

<223> similar to gi3929926 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6293

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tgacattggc	aatggttggc	aaaaaaaaaa				1110

<210> 6294



<211> 2522  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (161)...(1067)  
 <223> similar to gi437807 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6294

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tc						2522

<210> 6295  
 <211> 1474  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (188)...(848)  
 <223> similar to gi4929673 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6295

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attcttctgt	aagtagcccc	tgctcgtatt	ttagatgatc	actatggagt	catggaacac	1440
taatattttt	taaataaatt	caattaaatt	aacc			1474

<210> 6296  
 <211> 2121  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (35)...(844)

<223> similar to gi6018414 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6296

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aactctctgg	ggagtttcat	ttgcaagttg	gagaacgagt	atggccggct	gacctggcca	180
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<210> 6297

<211> 2960

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2961)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (396)...(2069)

<223> similar to gi4469250 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6297

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<210> 6298
<211> 5275
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (830)...(2439)
<223> similar to gi5911982 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 6299  
 <211> 3010  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (302)...(2180)  
 <223> similar to gi4468288 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 6300

<211> 7728

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (266)...(6202)

<223> similar to gi641958 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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tggctgttga	ccaccagaca	cctgaccgca	aatatctttt	cttgatttcc	catatttcta	7680
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<210> 6301

<211> 2228

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1973)...(823)  
 <223> similar to gi624964 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6301

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tatttcctcc	aaggggtaaa	aaaaatggcc	tggaccccaa	aacctacca	aataaaaaat	180
caaaaaactg	aggttccaaa	aagttacagc	atcttatttc	ctcatagaaa	aggggaagga	240
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taaagtgaat	ctagaacaag	ggaatgtgaa	attccctcct	tccttcccc	ttcctgtggg	540
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ggcttcctgg	ggagaatgtg	gaccgggcgc	gggcgggtct	ccgggcgcgc	cttccctcag	2160
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caccctt						2228

<210> 6302  
 <211> 2636  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2637)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (110)...(1438)

<223> similar to gi35315 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6302

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caggatgctg	cagactctgg	ccggggtgaa	ccttgctggg	caattcgttg	cagggggggca	180
tggccctgcc	gctccccccg	cacggccacg	aaggggcgga	cggcgacggc	aggaagcagg	240
acatcggcga	catcctccac	cagatcatga	ccatcaccga	ccagagcggt	ggaccgaggc	300
gcaagcaaag	aaacatgccc	tgaactgtca	cagaatgaaa	ccagcgctct	tcagcgctct	360
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atcacacaga	actggagaaa	tattgaacag	gcatgtaatt	gaatttacta	cacatgtgat	660
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gaaagaaatg	gtggggcatc	atccatccga	aaattttagt	tccattcaga	ttgcagcttc	780
aaccaaagca	ctttgttgaa	gcagttatga	ttttaagatc	aaggttcctt	gatgccagac	840
ggaaaaggcg	taacttcagt	aaacaggcca	cagaaatctt	gaatgaatat	ttttactcac	900
acctcagcaa	cccctacccc	agtgaagaag	ccaaagagga	gctggccaag	aatgcagca	960
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gaaaaggaaa	gcgtttttgt	agcccaccat	ctacagcttt	actgtaaaac	cttgtcttat	1560
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cattgttgac	agtccctgtg	ctatttttatc	ataattttatt	atcaatat	tacattaatt	1740
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gtttgtctct	ttcttatctt	tttgcattct	gtaattaact	ctttgtttcc	cttcataaaa	2460
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aaccgagtgt	ggaaacattg	ggtcttaatt	caacacagga	tcggtaaaac	tgttgtaa	2580
actgagaac	atcttgaa	ttcttcatt	tattactaat	ccatgcaaaa	aaaaaa	2636

<210> 6303

<211> 609

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (11)...(330)

<223> similar to gi1488610 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6303

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gcgccaggtc	cgggcagaga	cgccgcgtct	gcggccaggg	ggtcacgaat	gcggccgcac	180
atattcaccc	tcagcgtgcc	tttcccgcac	cccttgaggg	cggaaatcgc	ccatgggtcc	240
ctggcaccag	atgccgagcc	ccaccaaagg	gtggttgga	aggatctcac	agtgagtggc	300
aggatcctgg	tcgtccgctg	gaaagctgaa	gactgtcgcc	tgctccgaat	ttccgtcatc	360
aactttcttg	accagctttc	cctgggtggg	tgccgaccat	gcagcgcttt	gggccccccg	420
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gcagtgcgtc	catccttccc	tagggcagga	attcccacag	ttgctacttt	cctgggaggg	540
cctcatgttt	tatctgggtc	ttaaattgtt	gttactacag	aaaataaaac	tcgctacta	600
aaaaaaaaaa						609

<210> 6304

<211> 1533

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1499)...(680)

<223> similar to gi31463 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6304

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ctctcttttag	gaaaataaat	agcagctgcc	ctcgctgtgg	aggcttgat	tcctggagc	120

tgaaggttc	tcaaagctga	gatccgcaga	tcagctcatc	acagaagcca	agggcgcttc	180
ctgagctgtg	cgggttcagga	gggggcggca	gaatggcctg	gtccaatcac	ctgctgctgc	240
tggcagtggtg	gctggtgagt	tagtggtcta	ggtgggtaaa	gtggcacctt	ctgtcaggag	300
atagggttgg	gtggatcaca	ggaagagggt	gatggagagt	gtggcagtga	tctggaaggg	360
gttagggctc	cagagccctc	ctaaggatct	acaaagtctg	tgggcttcca	ggattcctcc	420
ggcagaaatg	ggaaatatct	tgtctctgat	ttagtgcaaa	ttgtgctaga	gaggccagct	480
ctagagaaac	aatgggcagc	tttgggtggc	ccaagctggc	tctactgtga	agcacaatat	540
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tcacaaggcc	ttcgacgtac	ccctggaggc	ggccccaggg	cccggatgac	ttccttggcc	1260
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ccgtacccgc	cgcggttccc	ggagctcggg	ccgggttccc	cgaagtctcg	gaacatgccc	1500
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<210> 6305

<211> 2232

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2233)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (213)...(1543)

<223> similar to gi2765411 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6305

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cgggaatctg	gaggggccgt	ggggcgagg	gcggggcctg	cgggcggacg	gcggccgaag	180
ccgcacggga	gacgacgagg	aggagccgga	agatgcggac	gagaacgccg	aggaggagct	240
gctgcgggga	gagcctctgc	tgccggcggg	gacccagcgc	gtgtgtctgg	ttcaccctga	300
cgtcaagtgg	ggccccggga	agtcgcagat	gactcgagcc	gagtggcagg	tggcggaggc	360
cacagcgctg	gtgcacacgc	tggacggctg	gtccgtgggtg	cagacaatgg	tcgtgtccac	420
caaaacgccg	gacaggaagc	tcattctttg	caaagggaac	tttgagcacc	tgacagaaaa	480

gatccgaggg	tctccagaca	tcacgtgcgt	cttcctgaac	gtggagagga	tggctgcccc	540
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cggctcgcgc	tacatcatgg	ggtcaggaga	atccttcatg	cagctgcagc	agcgtctcct	780
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gtagaaggga	aagcaaatag	ttttactaaa	gaagcagctt	caaaccagac	cgtgagccac	2100
cgcacccggc	ctccttgagt	taacattttc	taaagatgcc	tccggcgtgc	ttatccttga	2160
aagctgccag	aggtgtcttg	gctgcattgg	tggtataaaa	attcatactc	atatttgact	2220
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<210> 6306

<211> 2551

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2552)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (700)...(1788)

<223> similar to gi3135887 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6306

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gcggatgcac	acaaatgaaa	ccctcacttc	aacctgaaga	cattcgcaca	tgagttacgt	180
agagggacct	gcaggaagcg	gtagagaaaa	cataaggctt	atgcgtttta	tttccacacc	240
aatttcagga	tctttgtcac	tgacagcagc	actaagactt	gttaacttta	tatagttaag	300
aagaacaagg	ctgagcgcga	tgactcacgc	ctgtaagcct	agaactttgg	gaggccaaag	360
caggcagact	gcttgagccc	aggagttcca	gaccagcctg	ggcaacatgg	caacacccca	420
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actcgggagg	cagaggcagg	aggattgctt	gaaccggga	ggcagagggt	gtagttagcc	540
gagatctcgc	cactgcactc	cagtctggac	gacagagtga	gactcagtct	caaataaata	600
aataaataca	taaatataag	gaaaaaaata	aagctgcttt	ctcctcttcc	tcctcttttg	660
tctcatctgg	ctctgctcca	ggcatctgcc	acaaagtggg	tgcttacacc	tgctgctttt	720
gctgggaagc	tcttgagtgt	gttcaggcaa	cctctgagct	ctctgtggag	gagcctggtc	780
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cagctgggtcc	tgagagggcc	agatgagacc	aaagaggagg	aagaggaccc	tcctctgccc	900
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<210> 6307

<211> 3482

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (81)...(1926)

<223> similar to gi3769610 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



<400> 6307

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aatccacca	tgtagtctat	caggcccacc	atgtgagcag	gaataagaga	gggcaagtgg		180
ttggaacaag	gggtgggttc	cgaggatgta	ccgtgtggct	aacaggctctc	tctgggtgctg		240
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aa						3482

<210> 6308  
 <211> 6617  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(6618)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (389)...(1418)  
 <223> similar to gi5689439 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6308						
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ggagccactc	cgggctgcgg	agcaccagtg	ggagaccgcg	cctggctcag	gtgtgggacc	180
ccatccttcc	tgtcttcgca	gaggagtcct	cgctgaaat	aagcgggttt	tgaaaacaaa	240
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<210> 6309

<211> 4855

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (873)...(3093)

<223> similar to gi4589678 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6309

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<210> 6310

<211> 6302

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(6303)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (113)...(3050)

<223> similar to gi3043658 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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aa						6302

<210> 6311

<211> 1998

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5)...(1752)

<223> similar to gi6013191 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6311

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tgagagtgtc	gaagagatac	gagaatatgt	tactgatctc	ctccagggaa	atgaaggcaa	180
aaaaggtcaa	ttcatagaag	aacttataac	caaatggcaa	agaatgatc	aggagttgat	240
ttcggatcct	ttgcagcagt	gcttcaaaaa	agatgaaatt	ttagatgggc	agaaatcagg	300



cgaccatcta	aagcggggta	ggaagaaagg	gagaaacaga	caggaagttc	ctgcatttac	360
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cagcaactcc	gtaaagaaga	agacaaagtt	tgtcaattta	tacacaagag	agggacagga	480
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gctcatcaat	aactgtctga	tctgtgggcy	cattgtctgt	gaacaagaag	gctcaggccc	600
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<210> 6312

<211> 4951

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4861)...(549)

<223> similar to gi5419846 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6312

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tattctaact	gattttataa	tgacagctc	tttcagttga	ttacaaatat	gaagtataatc	180
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tgaaaaacat	gattttaaact	ttagaaaata	aaacttttaa	tacttaagag	ataacatgat	360
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<210> 6313

<211> 2157

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (173)...(1329)

<223> similar to gi37643 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6313

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gacaccttcc	tggaatctct	cttgattttt	gaggaaatac	ctagtaacaa	acatgactga	180
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tgagtcaaca	agaatactac	ccctatgtgt	actacaagat	tgattgcaac	ttgctggaat	1320
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<210> 6314

<211> 1532

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (884)...(671)

<223> similar to gi710336 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6314

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tggtgaggga	gccaaagcgg	tgtagagcaa	ggggtgagca	ggttccagac	cgtagaggcg	1380
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ccttgccagg	cgtgggggtg	ctgccaacca	ggttggtctc	aggaagccag	cacagcgatc	1500
tggtgggcta	gggccagaa	acgggggcgg	cc			1532

<210> 6315

<211> 3092

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (626)...(2702)

<223> similar to gi4704739 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6315

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gacagagggg	accaagaaga	ccagcaaaaa	gttcaagttc	ttcaagttca	agggctttgg	180
gagtttctcc	aacctccctc	ggtccttcac	tctgagacga	tcctcagctt	ccatcagtag	240
gcagtcccat	ttggagcctg	acacctttga	agccacgcag	gatgacatgg	tgacggtgcc	300
caagagtccc	ccagcctatg	cccgtccag	tgacatgtac	agccacatgg	gcaccatgcc	360
tcgccccagc	atcaagaaa	cacagaactc	acaggctgcc	cggcaggccc	aggaggcggg	420
tcccaagccc	aacttggtac	ccggaggtgt	acccgacccc	ccaggcttgg	aggcagccaa	480
agaggtgatg	gtgaaggcca	ctggccctct	agaggacacc	ccagcaatgg	aaccaacccc	540
ttcagcagtg	gaggtagacc	ccatcagaaa	gcctgaggtc	cccacaggag	acgtagaaga	600
ggagagacct	cccagggacg	tgactcaga	aagggtgct	ggagagccag	aggctggcag	660
cgactatgtg	aagttctcca	aggagaagta	catcctggac	tcatcgccag	agaaactcca	720
caaggaattg	gaggaggagc	tcaaactcag	cagcacggat	ctccgcagcc	atgcctggta	780
ccatggccgc	atcccccgag	aggtctcgga	gaccttggtg	caacgcaacg	gcgacttcct	840
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tgctagcccc	gtcagcccct	caggccccaa	gggcagccac	atgaagcggc	gcagcgtcac	1200
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cctcctcact	ctctgtctgt	ccctcaccaa	caccaaggcc	tccatctcac	tgtaaataag	3060
tctcttgttc	ttgtaaataa	gatgtacaga	ag			3092

<210> 6316

<211> 646

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (572)...(75)

<223> similar to gi306901 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6316

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atgaacacgg	tgctcagggg	cttgaggccg	tactccccc	gcgggagctg	accttcgagg	180
ggctttcccc	tcgaagggtca	gccaaagaaca	ggtcgtcctg	cacaccctcc	agcccgtcga	240
cttgctgctt	caggtggggc	acgggtgtgcg	tcagccgcac	ctcgtagggtg	ctgctgcggc	300
ccttgttatt	cctcaccagg	atgttcagag	gttcgtcgca	tttgtccacc	accagcagga	360
ccgtgctgcc	ggggcccagg	ccctggctgg	caagggggac	cctgtcctgc	agcgccacac	420
cgctcgggtg	gacagccaga	cgctgctgga	aggcgtgcac	gccgatcttc	tgggtgatct	480
gcgccttcag	ctctgacacc	gacatggagc	tgctcagggg	cacctggaat	tcgttgcccg	540
ccagcatctt	caccgtcagg	tcccagccca	tggctgtggg	ctgtgggctg	tgggccacgg	600
cacgagctcc	tgtactggca	aagatgagtt	cgctgcctct	cagccg		646

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<210> 6317
<211> 3558
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (298)...(3434)
<223> similar to gi30076 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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aggggcccgc cgagcccccg gggcgggcgc ccagagagcc cagcaaggcc ggccgccctg      180
ccggtgtgcc gccggcgggt gcttctggaa gggccaatgc gttcggggcag cagcccctga      240
agccgagccc gaggctaagt gggactgacc gggggccaga gtggacgaac cgccagcatg      300
gggagagacc agcgcgcggt ggccggccct gccctacggc ggtggtgct gctggggaca      360
gtgaccgtgg ggttcctcgc ccagagcgtc ttggcggggt tgaagaagtt tgatgtgccg      420
tgtggaggaa gagattgcag tgggggctgc cagtgtctacc ctgagaaagg tggacgtggt      480
cagcctgggc cagtgggccc ccaggggtac aatggggccac caggattaca aggattcccc      540
gggctgcagg gacgtaaagg agacaagggt gaaaggggag ccccgaggat aacaggaccc      600
aagggcgacg tgggagcaag aggcgtttct ggattccctg gtgccgatgg aattcctgga      660
caccgggggc aagggtgggc caggggaagg ccgggctacg atggctgcaa cggaaccacg      720
ggagactcag gtccacaggg gcccccggc tctgaggggt tcaccgggccc tcccgggccc      780
caaggaccaa aagggcagaa aggtgagcct tatgcaactgc ctaaagagga gcgcgacaga      840
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cctggaccaa aaggacagca aggcaacaga ggacttggtt tctacggagt taagggtgaa     1020
aagggtgacg tagggcagcc gggacccaac gggattccat cagacaccct ccaccccatc     1080
atcgcgccca caggagtcac cttccacca gatcagtaca agggtgaaaa aggcagtgag     1140
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ggacttaggg gttaccctgg cttgagtggg gaaaaaggat caccaggaca gaagggaagc     1260
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agaggtgacc caggattccc aggggcccac ggggagccag gaagccaggg tgagccagga     1440
gacccgggcc tcccaggtcc ccctggcctc tccattggag atggagatca gaggagaggc     1500
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gggggcccac ctggacctga tggaaagcga gggcctccag gaccccccg gctccctgga     1620
ccacctggac ctgatggctt cctgtttggg ctgaaaggag caaaaggaag agcaggcttc     1680
cctgggcttc ccggtcctcc tggagcccc ggaccaaagg ggtggaaagg tgacgtggg     1740
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aagggcttcg caggcatcaa cggggagccg gggaggaaa gggacaaaagg agaccccggc     1860
caacacggcc tcctgggtt ccagggttc aagggagtgc ctggcaacat tgggtgctcc     1920
ggacccaaag gagcaaaagg agattccaga acaatcaca ccaaagggtga gcggggacag     1980
cccggcgctc caggtgtgcc cgggatgaaa ggtgacgat gcagcccagg ccgcgatggg     2040
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ggactgggct tccccggcct caaaggccaa cgtggtttcc ctggagacgc cggcttacct     2220
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gacacagatg tgaaaagggc cgttgagggt gacagacagg aggccatcca gccaggttgc     2340
ataggagggc ccaagggtt gccaggcctg ccaggacccc caggccccac aggtgccaaa     2400
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<210> 6318

<211> 2000

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1926)...(209)

<223> similar to gil377880 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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ccacgtgaga	caaaagagtc tgtcacttct tcttgccagg tttgagggcc ttttctagac 180
cttggtatgtg	ttttcgaggg agctgatact cttcaagcaa tagccagccg aggtgggtgga 240
cctggtttcc	ctggatctgc acctgaaggc tgtccttggc cccaggggca ggattgacgg 300
tggtgctagc	ctggcatcgc tgctgaagga tggcagccac tgagtatggg tccagaccat 360
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cctgcagggt	ggagtcacac	tggaacagacc	ccttctcttc	actgagatct	gctgaatcca	1320
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ccgtgttgga	cttgaccgga	aaggccttgg	caaacatgtc	tgctgggggtg	gcctggggaa	1920
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gccgtggggg	cagccatgct					2000

<210> 6319

<211> 6345

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (31)...(6032)

<223> similar to gi35788 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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ctggcggagt	ccaaggcctc	cagccattct	gtgtctatcc	agtggagaat	tttgggctca	180
ccctgtaact	ttagcctcat	ctatagcagt	gacaccctgg	gggccgcgtt	gtgccctacc	240
tttcggatag	acaacaccac	atacggatgt	aaccttcaag	atttacaagc	aggaaccatc	300
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caaagacctc	ctgggaaatg	tggattctta	caatatcacc	ctgtctcaca	aagggaccat	1020
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tggcaggatg	aggtctcttg	tagtgagctg	gtcggccccct	gctggagact	gggagcagta	1260
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ggctgtcctc	cagcttcgtg	tcaaacatgc	caatgaaacc	tactgagta	tcatgtggca	1500
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gatccacaag	tactctcca	aagatgcaa	agaattcact	ttactgacc	tgggtgcctgg	1620
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<210> 6320

<211> 1398

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1286)...(196)

<223> similar to gi4929831 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6320

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atcgccatcc	ctcgtgcc					1398

<210> 6321

<211> 7347

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (7111)...(448)

<223> similar to gi5225312 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6321

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tgggtgctgac	agtgccttggc	tggatcacgt	taactggcgt	caccaccatg	gaggactcaa	6180
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gtcatgtttc	tgcagatcaa	gggccttgtg	gtacaatgca	aaagcctctg	cttctctgagc	7020
ctcctttgtc	tgggttttgt	gacttttaaa	gcttcttca	tgatcatcct	caatggtgga	7080
gctggcatth	aaggctgcaa	ttcgaatcat	attcagagag	attcagcact	gccacgagca	7140
tcactttctca	tcactggcaa	aggttgcccc	agtccacaac	tctccaggcg	tctccacagc	7200
aacggccagt	ctgtccccgac	caccgcgcgc	tccggctgcg	cgcctgacaa	caaggcgtgc	7260
tcccattggc	tccggtgccg	gttgtgccag	ccaatcagcg	ggggcgcacg	caccgctcgc	7320
tctccgcggg	ctgcttagct	gacgaaa				7347

<210> 6322

<211> 1355

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (171)...(794)

<223> similar to gi4538973 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 6322
cgacccacgc gtccgcttgc gcgagccggg ctgtcgggtg tgttttgctc tccagcctcc      60
gtcgtctctg cagcactccg ggttctcctc cagagcgcta gtcccaggag ctccggaatgt     120
tcgtggaact taataacctg cttaacacca ccccgacag ggcggagcag gggaaactga     180
ctctactctg tgatgccaag acagatggga gtttcttctg acaccacttt ctctccttct     240
atctcaaagc taattgtaaa gtctgctttg tggcactcat ccagtccttc agccactaca     300
gtatcgtggg acagaagctg ggtgtcagcc tgaccatggc gcgggagcgt gggcagcttg     360
tgttccttga gggactcaag tctgcagtgg acgtcgtctt ccaggctcaa aaggagccac     420
acccctgca gtttctcagg gaggctaatt ctgggaactt gaaaccattg tttgagtttg     480
tacgggaggg cctgaagcca gtagacagtg gagaggctcg gtggacgtac ccggtgctgt     540
tggtggacga cctcagtgtg ctctgagcc tgggcatggg ggcggtggct gtgctagact     600
tcattcacta ctgcagagcc accgtgtgct gggaactaaa gggaaacatg gtggtccttg     660
tgcacgacag tggagatgcg gaggatgagg agaatgacat cctgctgaat ggcctcagtc     720
atcagagcca tctgatactg cgggctgagg gcctggccac tggcttctgc agggatgtgc     780
acgggcagct gaggatcctg tggaggagac catcgcagcc cgcagtccac cgggatcaga     840
gcttcactta ccagtataag atacaggaca aaagcgtgtc cttttttgcc aaaggaatgt     900
ctctgctgt tctgtgacct gatttcggag cagctgaagc tacataggac tgtttttgga     960
cgtggaagat agagcaacat agcaagaatg ggtctttctc ctctgtagta atatttcagg    1020
ctggaccggc gactccactg tgaccagagg gttgagtgtc gcagtgatgg catgccttgg    1080
ctgccctggg cctgtttcag aaaacacaag ggaccacaat cctgcctttg ctgagagaga    1140
ggctggatgc tagaccaag tgaaggggt cctttggagc ctttgtttaa atatgcctta    1200
gccccagctg cccatttttg gttgacaagc ctttcagagc cagagtgggt atagatgtgc    1260
cagccaggag atggcacgg atggcaggtg tgcaagggtg caactaggat aatcatggct    1320
ggaataaagt aagtttccac actggaaaaa aaaaaa                                1355
```

<210> 6323

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (97)...(707)

<223> similar to gi5441879 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 6323
gacccacgcg tccgcccacg cgtccggcca ggaggcggag tggaagtggc cgtggggcgg      60
gtatgggact agctggcgtg tgcgccctga gacgctcagc gggctatata ctctcggtg     120
gggcccggcg tcagtctgcg gcagcggcag caagacggtg cagtgaagga gagtgggcgt     180
ctggcggggg ccgcagtttc agcagagccg ctgcagccat ggccccaatc aaggtgggag     240
atgccatccc agcagtggag gtgtttgaag gggagccagg gaacaagggt aacctggcag     300
agctgttcaa gggcaagaag ggtgtgctgt ttggagtcc tggggccttc acccctggat     360
gttccaagac acacctgcca gggtttgtgg agcaggctga ggctctgaag gccaagggag     420
tccagtggtg ggcctgtctg agtgtaaatg atgcctttgt gactggcgag tggggccgag     480
```

cccacaaggc	ggaaggcaag	gttcggctcc	tggctgatcc	cactggggcc	tttgggaagg	540
agacagactt	attactagat	gattcgctgg	tgtccatctt	tgggaatcga	cgtctcaaga	600
ggttctccat	ggtggtacag	gatggcatag	tgaaggccct	gaatgtggaa	ccagatggca	660
caggcctcac	ctgcagcctg	gcacccaata	tcatctcaca	gctctgaggc	cctggggccag	720
attacttcct	ccaccctcc	ctatctcacc	tgccagccc	tgtgctgggg	ccctgcaatt	780
ggaatgttgg	ccagatttct	gcaataaaca	cttggtggtt	gcggccaaaa	aaaaaa	836

<210> 6324

<211> 3654

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (24)...(3261)

<223> similar to gil531548 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6324

cttttctaag	ctttctgtgt	tacccccggt	tccgctgtct	tttctgtcta	cagtttgcca	60
tccccgcgtc	caggatggag	cagctgaacg	aactggagct	gctgatggag	aagagttttt	120
gggaggaggc	ggagctgccg	gcggagctat	ttcagaagaa	agtggtagct	tcctttccaa	180
gaacagttct	gagcacagga	atggataacc	ggtacctggt	gttggcagtc	aatactgtac	240
agaacaaaga	gggaaactgt	gaaaagcgcc	tggctcatcac	tgcttcacag	tcactagaaa	300
ataaagaact	atgcctcctt	aggaatgact	ggtgttctgt	tccagtagag	ccaggagata	360
tcattcattt	ggagggagac	tgcacatctg	acacttggat	aatagataaa	gattttggat	420
atttgattct	gtatccagac	atgctgattt	ctggcaccag	catagccagt	agtattcgat	480
gtatgagaag	agctgtcctg	agtgaactt	ttaggagctc	tgatccagcc	acacgccaaa	540
tgctaattgg	tacggttctc	catgagggtg	ttcaaaaagc	cataaataat	agctttgccc	600
cagaaaagct	acaagaactt	gcttttcaaa	caattcaaga	aataagacat	ttgaaggaaa	660
tgtaccgctt	aaatctaagt	caagatgaaa	taaaacaaga	agtagaggac	tatcttcctt	720
cgttttgtaa	atgggcagga	gatttcatgc	ataaaaacac	ttcgactgac	ttccctcaga	780
tgcagctctc	tctgccaaagt	gataatagta	aggataattc	aacatgtaac	attgaagtcg	840
tgaaccaaat	ggatattgaa	gaaagcattt	ggtccccctag	gtttggattg	aaaggcaaaa	900
tagatgttac	agttggtgtg	aaaatacatc	gagggataaa	aacaaaatac	aagataatgc	960
cgctggaact	taaaactggc	aaagaatcaa	attctattga	acaccgtagt	caggttggtc	1020
tgtacactct	actaagccaa	gagagaagag	ctgatccaga	ggctggcttg	cttctctacc	1080
tcaagactgg	tcagatgtac	cctgtgcctg	ccaaccatct	agataaaaaga	gaattattaa	1140
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cacacttaga	atatttcagc	ctttggtgtc	taatgttaac	cctggagtca	caatcgaagg	1440
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gaaatctttc	caaattgatg	gaaaacacgt	ttgtcagcaa	aaaacttcga	gatttaatta	1860



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gctatacaca	ctctgctgtt	gacaatatcc	ttttgaagtt	agccaagttt	aaaataggat	2160
ttttgcgttc	gcgtcacgat	tcagaaggtt	catccagcta	tccagcaatt	tacagagcat	2220
gaaatttgca	gatcaaagtc	cattaaatcc	tgtagctctt	ctagaagaac	tctacactag	2280
tcaacttata	gatgcaacaa	catgtatggg	aataaaccat	ccaatatattt	cccgtaaaaat	2340
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cttaagtaat	aagctgacct	atgagggcaa	gctggagtgt	ggatcagaca	aagtggccaa	2640
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agaagccaaa	ctcatagttt	tcctaaccctc	cattttttgtt	aaggctggat	gcagtccttc	2880
tgatattggg	attattgcac	cgtacaggca	gcaattaaag	atcatcaatg	atttattggc	2940
acgttctatt	gggatggtcg	aagttaatac	agtagacaaa	taccaagata	agggacaaaa	3000
gtattgtcct	agtatctttt	gttagaagta	ataaggatgg	aactgttggg	gaactcttga	3060
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ggtgtgtgcc	ctcactaaat	tgctatcctc	ctttggagaa	gctgcttaat	catttaaact	3180
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cctctagcta	gtgcccatat	agaaaattct	atcaccatac	aaaatttaat	gcagtattta	3360
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ttaacttttg	actttgagct	ttaaactttt	aagtcagaca	tttcaggact	aatttgattt	3540
tgtagatatc	attgtaagaa	ctttatttga	aagactgaat	aaagggattt	gatttgtttt	3600
catcatttaa	gcacagtctt	gtgatgatga	gaacataagt	gtgaaaaaaa	aaaa	3654

<210> 6325

<211> 2898

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (39)...(2899)

<223> similar to gil469195 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6325

tttcgtgtcg	ttccgccacc	tcccagtcgg	gttgcggtgg	aggccgttcc	tggctttgta	60
gctcgctcaa	gatggcgggc	cagccacccc	gcgggatacg	cctcagcgcg	ctttgcccgga	120
agttttttaca	tacaaattct	actagtcaca	cctggccatt	cagtgcagtt	gctgaattaa	180
tagataatgc	ttatgatcct	gatgtgaacg	ctaaacaaat	atggattgac	aaaacagtga	240
taaatgacca	tatatgcttg	acattcaccg	acaatgggaa	tggtatgact	tctgataaat	300
tacataaaat	gctaagcttt	ggcttcagtg	acaaagtcac	catgaatggg	catgtcccag	360
ttggattata	tgggaatggc	ttcaagtcgg	gttctatgcc	gtctgggtaa	agacgcaatc	420

gtttttacca	aaaatggaga	aagcatgagc	gtgggccttt	tgtctcagac	ctaccttgga	480
agtcataaaa	gcgagcatg	ttgttggtcc	aatagtggca	ttcaacaagc	accgacagat	540
gattaatttta	gcagaatcaa	aagccagcct	tgctgcaatt	ctggaacatt	ctctgttttc	600
cacggaacag	aagttactgg	cagaacttga	tgctattata	ggcaagaagg	ggacgaggat	660
catcatttgg	aatcttagaa	gctacaaaaa	tgcaacagag	ttcgattttg	aaaaggataa	720
atatgatatac	agaattcccg	aggatttaga	gagtagactat	gggaagaagg	ggtacaagaa	780
gcaggaaagg	atggaccaga	ttgcccctga	gagtgactat	tccctgaggg	cttattgcag	840
tatattatat	ctaaagccaa	gaatgcagat	catcctacgt	ggacagaaaag	tgaagacaca	900
gctggtttcg	aagagtcttg	cctacatcga	acgtgatgtt	tatcgaccaa	aattttttatc	960
taaaacagtg	agaattacct	ttggattcaa	ctgcagaaat	aaagatcatt	atgggataat	1020
gatgtatcac	agaaatagac	tcatcaaagc	ttatgaaaaa	gttggtatgtc	agttaagggc	1080
aaacaacatg	ggtgttgagg	tggttggaat	tatagagtgt	aatttcttta	agccaactca	1140
taataaacia	gatttcgact	atactaata	gtacagactt	acaataacag	cactaggaga	1200
aaagctgaat	gattactgga	atgaaatgaa	agtgaagaaa	aatacagaat	atcctctaaa	1260
tttgccagtt	gaagatatac	agaagcgtcc	tgatcagaca	tggttccagt	gtgatgcctg	1320
tctaaagtgg	cggaaattac	ctgatgggat	ggatcaactt	cctgaaaaat	ggtattgctc	1380
caataaccca	tgaccacag	ttcagaaatt	gtgaggttcc	agaagaacct	gaagatgagg	1440
atgtgttaca	tcccacttat	gaaaaaacct	acaaaaagac	caacaaggaa	aaattcagga	1500
tcagacagcc	ggaaatgate	cctcggatta	atgctgaact	gttggttcgg	ccaactggct	1560
ctttcaactc	caagtctttt	cttctcctaa	ggaaagtgtt	tccaaaagaa	gcatctttca	1620
gaaggaacaa	attcttatgc	gacaagactt	ctaaataatc	atcaagttcc	acctcagtct	1680
gaacctgaga	gcaacagctt	gaaacggaga	ctttctactc	gttctcaat	tttgaatgca	1740
aagaatcgga	gattggagta	gtcagttttg	aaaattcagt	ttataaagg	ggatgatgat	1800
gatgaagatg	tcattcatctt	agaagaaaac	agtaccccca	aacctgcagt	agatcatgat	1860
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ggtgacagtg	aaccttgtgg	ccagactgg	tcaacaagca	cctcatcatc	ccgatgcgac	1980
cagggaaata	ctgcagctac	ccagactgaa	gtaccaagtt	tagttgttaa	aaaagaagaa	2040
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atgaatgaca	agtatgttaa	gaaagaaact	tgccatcagt	ccactgaaac	cgatgctgta	2340
tttttacttg	aaagtattaa	tggaatctt	gaaagtccag	accatatgg	atctcagtat	2400
cagcaagctt	tggaagaaat	agaaaggctg	aaaaaacaat	gtagtgcctt	gcaacatgta	2460
aaggctgaat	gcagccagtg	ttccaataat	gagagtaaaa	gtgaaatgga	tgagatggct	2520
gtgcagcttg	acgatgtgtt	tagacaactg	gacaaatgca	gtattgagag	ggaccagtat	2580
aaaagtgagg	ttgaattgct	ggaaatggaa	aagtcacaaa	tccgttcaca	gtgtgaagaa	2640
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acatcaagta	acattgagga	gtctgtaaat	catatggatg	gagaaagcct	caaactccga	2760
tctcttcgag	taaactagag	acaactgctg	gctatgattg	tgctgatctt	tgatcttcag	2820
caagtgaatt	acgatgttga	tgtagttgat	gagatttttag	gacaagttgt	tgaacaaatg	2880
agtgaatatca	gtagtact					2898

<210> 6326

<211> 2123

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (99)...(1609)

<223> similar to gi5726241 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 6326
gcgcgtttcc tgaagggtcga tggccaggtg gtcttcataa actatactgc cttgtgatgc      60
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ctcagctatg ctatgaacac tatgggatca ggctgcccaa gaaggggaag cctgagccaa      180
accatgagtg gacattattg gcagcgggtg tgaagataca atctccagct gacaaggcct      240
gcgacacccc tgataagccg gtgcaagtga caaaggaagt tgtgtcaatg ggaacaggaa      300
caaaatgcat aggacagtcc aaaatgagga agaacggaga catcctcaat gatagccatg      360
ctgaggtcat agccagaagg agtttccaaa ggtaccttct ccaccaactc cagttggcag      420
ccaccctgaa agaggatagc atctttgtcc caggaactca aaaaggagtg tggaaactta      480
gacgagacct catttttgtg tttttctcca gccatacacc ctgtggggat gcctccatca      540
ttccgatgct tgagtttgaa gatcagcctt gctgtcctgt cttcagaaat tgggccaaaca      600
actcatcagt agaagccagt agtaacctgg aagctcctgg aaatgaaaga aaatgtgaag      660
accctgacag tcctgtaacc aaaaagatga ggcttgagcc tgggactgca gccagggagg      720
tcaccaacgg agcagctcac catcagagtt ttggcaagca gaaaagtggc ccaatctcac      780
caggcatcca cagctgtgat ctactgtag agggactggc tactgtcacc agaatagccc      840
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caggccgtgg agacagaaca cgctccatgt cctgtagtga caagatggcc cgatggaacg     1020
tcctcgatg ccaaggggca ctggtgatgc acttgctgga agagcccatc tacctgtcag     1080
ctgtggtcat tgggaagtgc ccatacagcc aggaagccat gcagagagca ctgattggaa     1140
ggtgtcagaa agtggtctgc ttaccaaaa ggcttcggag ttcaagaatt aaaaatactg     1200
cagtcagatt tactatttga acagagccgc agtgcggtgc aggcaaaaag ggctgatagc     1260
ccaggtegac ttgttccttg tgggggcagc catcagctgg agtgcagttc ctgagcagcc     1320
tttggatggt actgccaatg gctttccaca gggaaacaaca aagaaaacaa ttggaagcct     1380
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cagaattgca agggacaagt ggccacactc cctcaggggtg cagaagctgg atacctacca     1500
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<210> 6327

<211> 2507

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (329)...(1496)

<223> similar to gi442368 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6327

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<210> 6328

<211> 3994

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (397)...(2976)  
 <223> similar to gi3043736 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6328

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<210> 6329

<211> 4120

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3909)...(89)

<223> similar to gi4529896 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6329

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<211> 1880
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1689)...(1380)
<223> similar to gi347457 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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ccagttgttc aaaggccccc
1880

```

```

<210> 6331
<211> 2829
<212> DNA
<213> Homo sapiens

```

```

<220>

```



```

<221> misc_feature
<222> (1)...(2830)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2633)...(514)
<223> similar to gi2880079 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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actgcaaaaa ctcgaggcta atatgtgtaa tacaacacag gaggaggat tgctcagttc      180
aactactctt atttacttaa aaaaaatata gaaatgtttt tgtccacttg aactgtagtc      240
cagacataaa agttacatga aagttttaga aaatggagtt attttatttg gtgcccacag      300
tacccttga agccagttac ttaaaatgct gaagttgtac atatttccat tggtcaggag      360
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aggaggataa agctcaccta atgcaaaggt tggtttctgt aagtaattcc tcacatagct      660
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<210> 6332

<211> 4666

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (45)...(1880)

<223> similar to gi762953 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (4976)...(4328)  
 <223> similar to gi529707 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 6334

<211> 4775

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (231)...(3433)

<223> similar to gi3882177 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6334

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catataagag	tctgatgcag	aaaggccagc	agatgcttgc	aagatgcccc	aaatctgcag	360
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acaattctct	tccaagactt	catcaactgg	cttactcagg	ctgaacagac	cctaaatgta	540
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<210> 6335

<211> 1932

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1685)...(1080)

<223> similar to gi5834273 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6335

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gagggtggccc	ctacaccctt	tatggctgat	tcgggcccc	ttgctcactc	tgctgcagca	180
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gaaccagaac	cttggggggc	agggaggagc	aggagggggg	ttgggagcgg	gcaggggtgag	480
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cctggacaat	aagtgactgc	atctccatca	ccacaatatg	tactcagatc	ccaggcggag	660

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<210> 6336

<211> 2113

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (166)...(1332)

<223> similar to gill147567 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6336

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<210> 6337

<211> 7564

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (685)...(3534)

<223> similar to gi2224581 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6337

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<210> 6338  
 <211> 4407  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (447)...(2959)  
 <223> similar to gi4886427 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6338

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<210> 6339

<211> 1960

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (240)...(1778)

<223> similar to gi3387977 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6339

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tgctgactga	aatgcacct	tggaactctc	tggcctggac	tgttaccagt	tacgtcttcc	180

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tcctgtggat	ccgggtgcag	cagttcacgt	ctcggcgggg	ggagctgctc	atcttctccc	300
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tcgcggatcg	gggcacatcc	agtgtcacag	ggctgtctag	ctacctgggtg	ttcaatgtca	420
tcctccacgct	ggccgacatc	atcattggca	tcctctactt	cagcatgttc	ttcaacgcct	480
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<210> 6340

<211> 2080

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2073)...(1281)

<223> similar to gi4678526 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6340

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tagattgagg	tattgagaga	tttacaaga	tataattctt	tggaagatta	cagaagatgg	180
aaacaccacc	cccacctttc	actttcaggt	actggagttc	attaattctt	tcaccaaag	240
cacatcactg	aaggaaaaatc	agaagtgggt	ttttagttat	tattaaagta	gttcaagacc	300
cagggaaccc	cttgagatga	aaacaaaaca	gtattcaact	tttcttcaca	agactacctt	360
gtactggcaa	gacttagagg	acttctgggt	tgaaaaaatat	tgcttagaaa	acttaaaaaa	420

aaatcaacaa	caactatatt	ttggacaaaa	caatTTTTTT	ttaatctgtc	ttgtaaaatc	480
cttacttctt	tttgagtctc	tgatggccac	aacatttcat	ttgagatggt	tggcagtcac	540
agcttcaggg	gttatgggta	ctgattatct	aaacccctta	ggtcagaatg	aacaaacaca	600
gttcatgtaa	acctggctgt	tattggagtc	ctctgaccaa	gagataatag	tgaagagtgt	660
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cccatacttt	gcatgaaaaa	atgctgggag	agtgggtgaca	aagaagcggc	cactcaaacc	2040
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<210> 6341

<211> 597

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (22)...(219)

<223> similar to gi4261801 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6341

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ctatcaccat	cggcaacatg	ctcatctcct	ccaccctgcc	accagggagc	atcctcgaca	180
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ccaccccggtg	gggcattaca	ttagggtaat	tacattagtg	tcaagatatg	ccataatact	300
gagaatggag	gagtctgagg	ccctggtcca	tcaactgaca	gcatgaactt	cacgtcaaga	360
agtgagattg	gtgaataagt	gaagacagaa	ggaaaattgg	agatacagct	ggatgtatga	420
accctgctct	aaaaaacttc	tttaacggta	taaggattct	tattaacgaa	ttttatttct	480
tttttatctg	atcattatct	tatttttgatt	tatagaggaa	tatatagagg	gggatatcta	540

tagagacaca cacgtttgtg tgtgtatata taaatatata tgtatgtgta aaaaaaa

597

<210> 6342

<211> 6355

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (120)...(5182)

<223> similar to gi463430 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6342

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tgaaactgcg	tggagtcagc	ctggctgccg	gcttgttctt	actggccctg	agtctttggg	180
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gtggcataaaa	aggggaaaaa	ggagagagag	ggtttccagg	tttggaagga	caccagcat	300
tgcttgatt	tccaggtcca	gaagggcctc	cggggcctcg	gggacaaaag	ggtgatgatg	360
gaattccagg	gccaccagga	ccaaaaggaa	tcagagggtc	tcctggactt	cctggatttc	420
cagggacacc	aggtcttcct	ggaatgccag	gccacgatgg	ggccccagga	cctcaaggta	480
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<210> 6343

<211> 1465

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1466)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (928)...(298)

<223> similar to gi5712754 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6343

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cccagcttca	cccccaagt	cttcagcaac	acgtcactcg	tgagtaggag	cagagccttc	420
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gaagcatggt	cagttgagta	agtgttggtg	atgctgtcag	cccaggggtt	gccaaggcag	660
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tcagagaaat	ctgaggggatg	cactggactc	ggagtgcggc	tgaggatcgg	gtcctcctcc	780
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ttattctcac	gccttgacac	tggtaaagt	gggctgtaac	tttcagggtg	ggagaatgtc	900
tcgtaaacct	catttttctt	cattttctgg	agttaaagct	ttttaacaag	ccggtaaagaa	960
tgctttttat	atccatatcg	cttatgattt	gtccacagg	atctcgcag	gaaacgttgg	1020
atthttgaaa	cctttctacg	aatcacatca	atcttcttat	ccaggttttg	cagagcatca	1080
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caggatgcgt	cagatacaat	attcgggtcc	tatttttagtg	acagagcctg	tcacgccggc	1200
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tgaccgttag	gccactcgac	gcttcggaaa	ggtcctggca	ccggaaaccg	ggcctgggtca	1320
cgcgcacgcg	agaccagtga	tgccctgacc	cctgagtggg	tcagagagct	cccgcgacgc	1380
cgaattccca	cactcgcgcc	cacgcgtccg	cggacgcgtg	ggtcgtccca	gggtttcagt	1440
cggtaccgac	ggnatcagtg	ggaag				1465

<210> 6344

<211> 2793

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (227)...(1739)

<223> similar to gi2906006 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6344

ctctgactca	gtatgtcaca	tttaacaaga	ggccagagct	tgtccaaaat	ggctgtccaa	60
aaacgacccc	acacttgctg	tagaagatga	tacctttttc	agggacagtt	ttctctcttg	120
gctcctgtcc	cgctggccct	ctgtctgcct	gtgtccctga	ccatggctcc	ctgcagtacc	180
ctttaacgat	ttatcagcaa	gactgttgaa	cgcataactg	ccaagatgc	ctgtccctcc	240
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gaataagaca	gagcaggctg	ggagaaatgc	tctcctttct	gatatcagca	aagggaagaa	360
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tggcgagggc	ggtggaagtt	ttggaggggg	cggacctcca	ggtctgggag	gattgttcca	540
ggctggaatg	ccgaagctga	gatccacggc	caacagggat	aatgattctg	gaggaagccg	600
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tggcccaggg	aggttttctg	tgccttctcc	aggccacaga	agtgggtccc	cagagcctca	720
gaggaaccga	atgccgcccc	caaggcccca	cgtgggctca	aagcctgata	gcattcctcc	780
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agtgcccgga	ggccccaggc	agcccagccc	cgggcccact	cctccccctt	tccctggaaa	900
ccgcggcact	gctttgggag	gaggctcaat	acgtcagtc	cccttgagct	cctcctcgcc	960
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cagcggcaat	gacgaaaccc	caagactccc	acagcggaat	ctgtccctca	gttcgtccac	1260
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aagcagaaac	ggcagcacat	ctcgggccct	gcctgctacc	cctcagttgc	catccaggag	1440
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tgttttctcc	cgttcctttt	tcgcatgctt	ggcctcctct	ctgtttctat	gaaccacaga	2160
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tgggcttgag	cgattcaaga	ggcaactaaa	aataaaatta	ggacccagca	ccttgtttga	2640
cacacagttt	gaccttcgat	tttctccct	taacttccct	cttcccttaa	tatctgtata	2700
caagtgttgc	ttcaaagtac	caaggtcaga	aattgattca	gtacgggtta	ctaaagtcac	2760
gtggaataaa	gccattggaa	acaaaaaaaa	aaa			2793

<210> 6345

<211> 3680

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3452)...(514)

<223> similar to gi3299885 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6345

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tcagttctgg	ttggcaacgt	ctaggggtga	ggggctgtgg	cctccagtcg	gccccacagc	120
ctttgagaac	tggtgcccg	gtcccaccg	cttcccgc	cgccccactg	aaaaaacact	180
aaacgattgc	actgacagac	agacccaga	gcgcccggcc	tcccacacac	ccacggggct	240
gtcagagtca	accagggtt	tggcgtcact	cggcgggtgg	ccggggctgc	gcccaggata	300
gtgtttatca	aatgtgacac	aggttcattt	acaaactggg	gctctggaag	gtctacttct	360
gtggctctaa	gagacttgtc	tctcatggct	tctctcggag	ctaccggaag	ttggacctgg	420
ataacgctgt	gtaggttggt	tggtttattt	gtaaggaatg	tgtaaggcat	tttggttaagt	480
tgaacagtaa	cttctttttc	caaagaggaa	actcagacag	aggtgcccctc	ctttgagctg	540
ctgccgtcct	ctgccttttc	cagctgttcc	tgcagcttct	tcaccgtgtc	cttctccctt	600
gccagctgct	cctgggtcgt	cttcagaagc	tcctgcagtc	tcgtggcggc	gcgccccagg	660
tcacttgta	acttcttctc	tttttctagt	ctctccttca	gctgtgaggc	ctcctctggt	720
tctgaagact	ctagggggcc	ggctgtgcgg	agcttctcca	attcttcttg	taaccgacat	780
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caaggtttga	gtgtcgtaaa	tatccatcct	ggcttgcttt	cctttcacta	ggaggtctgc	3480
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tctttctgca	gccagagacg	cgagagggaa	agcgagaggg	caggagccgc	cgccttcgca	3600
gccgcccggg	agccggggaga	gaggagccgg	ccaagcctcc	gccaagaaaa	agcccccgag	3660
cagctgtaga	cgctgcgact					3680

```

<210> 6346
<211> 2083
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2084)
<223> n = a,t,c or g

<220>

```

```

<221> misc_feature
<222> (424)...(1686)
<223> similar to gi54244 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6346
tatcgcgtaa atctggatgc gcgcgatata agcaaattaa atgggttcgtg gccgcatect 60
agagcccttt aattagagtt accatthtga gaaggcctgc cgtgcacaaat cctcgttttc 120
atctcccccc aaaccgagca ggaaagtga taaacttaat tgagaatgtc tgaaaacctt 180
gacaagtcca atgtaaatga agcaggaaaa tcaaaatcca atgattctga ggaaggcctc 240
gaagatgctg tggaagggtc tgatgaagcc ttacaaaaag caataaagtc agactcctcc 300
agcccccaaa gagtgcagag acctactctt agtcctctc gctttgtgac agtagaagaa 360
cttctagaga cagcgagagg cgtcaccaac atggctctag cccatgaaat tgtagtaa 420
ggagactttc agattaaacc agttgaatta ccagaaaaca gcttgaagaa gagagtaa 480
gagattgtac ataaagcgtt ttgggattgc ttgagtgtgc agctaagtga agatccccca 540
gcatatgacc atgctatcaa acttgttaga gaaatcaaag agactctctt atctttcttg 600
ctgcctggtc atactagact gagaaaccag ataacagaag tcttggatct ggatctgata 660
aagcaggaag cagagaatgg ggcgctagac atttccaagc tggcagaatt cattattggc 720
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aaggaaatag tgcccttttt cagagaaatt ttttctgtgt tggacctaat gaaagtggac 840
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gaaaggaaga agtttcaaga gattttggag aggcaaccaa attccctgga ctttgtcacc 960
cagtggctgg aagaagcctc agaggacctt atgactcaga agtataaaca cgccttgcca 1020
gtggggggaa tggctgtctg ctctggggac atgcccaggc tgagccctgt tgcgtgccag 1080
aattacgctt acctgaagct tctgaagtgg gaccacctcc agaggccgtt ccccgaaaca 1140
gttttaattg accagtctcg cttccacgag ctccagttgc agctgggaac aactgacct 1200
cctgggggct gtgttgctgg tcaccttcag catggcagcg ccaggaattt ccagccaggc 1260
cgactttgct gagaaactca agatgattgt gaagattttg ctaacagata tgcacctgcc 1320
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cagctgcctc tcctgtgtg ggtcctctcc cttcaccacg gacaaggaga ccgtgctcaa 1440
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aatcctgacc ttcttagaaa cctaccttgc ctcggtcat cagaagccat tgcccacagt 1560
ccctggggga ctcatccag ttcatagaga gctggaggaa gttgctatta aatttgctcg 1620
cctggtcaac tataacaaga tggctctctg tcctactac gatgcaatcc tgagtaagat 1680
cctcgtccga tcctaactg tatgcacct acagcagcag tattactcac tagccacaga 1740
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atccactgaa ttctattttg agagattgta tttatgagtg caagtttaca aatcaaagaa 1920
gcattttgtt ctcgagtttt acaggtaaca ctcagctgtt gtctccactc ctccccctc 1980
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tatactggtt atgaaccccc ttgtagcagg tgtgtttatt cag 2083

```

```

<210> 6347
<211> 2154
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (30)...(1063)

```

<223> similar to gi3790133 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 6347
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gtgggcggggc ggccggcatg gctgggcgcg gccgggctgc cggggcccca ggccctggcc      180
tgcgagctgt  gcggcgcccc gctctccttc ctgctgcagg tgtatgcgcc gctgcctggc      240
cgcccgagcg ccttccaccg ctgcatcttc ctctctgct gccgcgagca gccgtgctgt      300
gccggcctgc gagtttttag gaatcaacta cccaggaaaa acgattttta ctcatatgag      360
ccaccttctg agaatcctcc cccagaaaaca ggagaatcag tgtgtctcca gcttaagtct      420
ggtgctcatc tctgcagggt ttgtggctgt ttaggcccc aaacgtgctc cagatgccac      480
aaagcatatt actgcagcaa ggagcatcag accctagact ggagattggg acataagcag      540
gcttgtgcac aaccagatca tctggaccat ataattccag accacaactt cctttttcca      600
gaatttgaaa ttgtaataga aacagaagat gagattatgc ctgaggttgt ggaaaaggaa      660
gattactcag agattatagg gagcatgggt gaagcacttg aggaagaact ggattccatg      720
gcaaaacatg aatccaggga agataaaatt tttcagaagt ttaaaactca gatagccctt      780
gaaccagaac agattcttag atatggcaga ggtattgccc ccatctggat ttctggtgaa      840
aatattcctc aagaaaagga tattccagat tgcccctgtg gtgccaagag aatattggaa      900
ttccagggtc tgctcagct cctaaactac ctgaaggctg acagactggg caagagcatt      960
gactggggca tctggtgtgt cttcacctgt gctgagagct gcagcttggg tactggctat     1020
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ttgaaaaatg ttaataatct tttatacctt gcaattccat ttctgggatt ttatcctaag     1140
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acttattagt gaaacaaaag tgtccagtga cagggaatta aataaatttt ggtacatcca     1260
cagaggaagg ctacacagtc ttaattataa cacctatatt gacaacagac ataccattat     1320
aggtggtatt catggtatga tcctattctt gtaaaaaatat ttgtatgtat gcacagaaat     1380
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aaccagtaa  ttctgaagca gcagtatcac agttggcagg atgaggaaca acagtggctt     1740
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gcggccctgc ttacagatga gacactgaaa ggcaaaaggc gatggtcttc cctttccgtg     1860
tcagcattgt atacagggtc cctatcgcac atacaagggt tatggaatgt aagccaaaat     1920
aagggtctgg cctaggaggc agcagcctga aggaaaggaa ggccctgaag tcagttttca     1980
aaggggctga cccttggcct attatgtttc tgatacatct gtttaagcaa agcggctcct     2040
aagactacac taaggtttct tccatccctt agcaagctca cagttgacaa ttcccagttc     2100
tctcagcacc cagtggatgc ctgcccttta agacacattg ctgttgatca gtgg          2154

```

<210> 6348

<211> 2514

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (102)...(2416)

<223> similar to gi4033595 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 6348
tgccggccgcc tcctcttcgg ggtcattaaa gccaatgagc cgcgcgcctc tgccgagcgc      60
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accgggcacc gcatcagcct gctcaaccct ttaaatttac aatttccgaa tcctgtgac      180
ggattaagga agagtttcag tttttacagg ctcaatacca cagtctgaag ctggaatgtg      240
agaaactcgc cagtgagaag acagagatgc agcggcatta tgtcatgtat tatgaaatgt      300
cctatgggtt gaatatagaa atgcacaagc aggcagagat tgtcaagagg ctgaatgcta      360
tctgtgcaca agtcattcct ttctgtgcc aagagcacca gcaacaagtg gtgcaggctg      420
tggaacgggc caagcaggtg accatggcag aactgaacgc catcattggg cagcaacaac      480
tccaggccca gcatttatca catggacatg gtctccccgt acctctgact ccacaccctt      540
cagggctcca gccccctgcc attccacca tcggtagcag tgccgggctt ctggccctct      600
ccagtgtctt aggaggtcag tcccatcttc caattaaaga tgagaagaag caccatgaca      660
atgatcacca aagagacaga gactccatca agagctcttc agtatcccca tcagccagtt      720
tccgaggtgc tgagaagcac agaaactccg cagactactc ctgagagagc aaaaagcaga      780
aaactgaaga aaaggaaatt gcagctcggt atgacagcga tgggtgagaaa agtgatgaca      840
acttgggtgt tgacgtttcc aatgaggatc catcttcccc tcgagggagc ccagcacatt      900
ccccagaga gaatggccta gacaagacac gcctgtctca gaaagatgcc ccgattagtc      960
cagcctctat tgcattctcc agcagtactc cctctcccaa atccaaagaa cttagcctta     1020
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ccaccccagg cagtaactct actcccggat tgaggcctgt acctggaaaa ccaccaggag     1140
ttgacccttt ggccccaagc ctaaggaccc caatggcagt acctgttcca tatccaactc     1200
catttgggat tgtgccccat gctggaatga acggagagct gaccagcccc ggagcggcct     1260
acgctgggct ccacaacatc tccccctaga tgagcgcagc tgetgcccgc gccgtgtgtg     1320
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cagcaatacc tccaaacctg acaggcattc caggaggaaa accagcatac tccttccatg     1440
ttagcgcaga tggtcagatg cagcctgtcc cttttccacc cgacgcctc atcggacctg     1500
gaatcccccg gcatgctcgc cagatcaaca ccctcaacca cggggagggtg gtgtgcgcgg     1560
tgaccatcag caacccacg agacacgtgt acacgggtgg gaagggctgc gtcaagggtc     1620
gggacatcag ccaccaggc aataagagtc ctgtctccca gctcgactgt ctgaacaggg     1680
ataactacat ccgttcctgc agattgctcc ctgatggctg caccctaatt gttggagggg     1740
aagccagtac tttgtccatt tgggacctgg cggtccaac cccacgcac aaggcagagc     1800
tgacatcctc ggcccccgcc tgctatgccc tggccatcag ccccgattcc aaggtctgct     1860
tctcatgctg cagcgacggc aacatcgctg tgtgggatct gcacaaccag accttgggtga     1920
ggcaattcca gggccacaca gatggagcca gctgtattga catttcta atgatggacca     1980
agctctggac aggtggtttg gacaacacgg tcaggtcctg gggacctgcg cgaggggagg     2040
cagctgcagc agcacgactt ttcacctccc cagtcttttc tctgggctac tgccccaact     2100
gaagagtggc ttgagtgagg gatggagaac agcaatgggt gaagttttgc atgtcaccaa     2160
gccagacaaa taccaactac atcttcatga gagctgtgtg ctgtcgctca agtttgccca     2220
ttgtggcaaa tggttttgta agcactggaa aggacaacct tctgaatgcc tgggagaaca     2280
ccttatgggg gccagtatat ttccagtcca aagaatcctc atcgggtgct tagctgtgac     2340
atcttccgtg gacgacaaat acattgtcac tggctcttgg ggataaggag ggccacagtt     2400
tatgaagtta tttattaaag acaaatcttc atgcagactg gacttctcct cctggtagca     2460
ctttgctctg tcatcctttt tgttcacccc catccccgca tctaaaacca agga         2514

```

```

<210> 6349
<211> 2901
<212> DNA
<213> Homo sapiens

```



<220>  
 <221> misc\_feature  
 <222> (113)...(877)  
 <223> similar to gi2301460 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6349

aacagcctca	gctcaagcgg	tggtccact	ggaggaaaac	acaccccggt	ctcacattaa	60
agaagccaaa	ctgtcggctt	caaagagaaa	aggcaacatc	ctgtcacagg	ccatgctctg	120
gcaaaaaccc	acagctccgg	agcaagcccc	agccccggcc	cggccatacc	agggcgctccg	180
tgtgaaggag	ccagtgaagg	aactgctgag	gaggaagcga	ggccacgcca	gcagtggggc	240
agcacctgca	cctacggcgg	tggtgctgcc	ccatcagccc	ctggcgacct	acaccacagt	300
ccttcctgcc	tggacatgga	aggttctgtg	tctgcagtga	cagaggaggc	tgccctgtgt	360
gccggctggc	tctcccagtc	caccccggcc	accctgcagc	ccctggcccc	atggacacct	420
tacaccgagt	atgtgcccc	tgaagctgtc	agctgcccc	actcagctga	catgtatgtg	480
cagcccgtgt	gccccagcta	cacggtggtg	gggcccctct	cagtgttgac	ctatgcctct	540
ccgccactca	tcaccaatgt	cacgacaaga	agctccgcca	cgcccgcagt	ggggcccccg	600
ctggagggcc	cagagcacca	ggcacccttc	acctatttcc	cgtggcctca	gcccctttcc	660
acactacca	cctccaccct	gcagtaccgg	cctccggccc	cagccctacc	tgggccccag	720
tttgtccagc	tccccatctc	tatcccagag	ccagtccttc	aggacatgga	agaccccaga	780
agagccgcca	gctcgttgac	catcgacaag	ctgcttttgg	aggaagagga	tagcgacgcc	840
tatgcgctta	accacactct	ctctgtggaa	ggcttttagg	cgtggctccc	acctgagtcc	900
tgttccctga	aactgggatt	ttaaaatgag	cctggaattg	agccccaggt	tcatgcttgt	960
ttggagtagt	catttcatga	ctactctttc	tacgcacagc	tagaattgta	gacctgtaaa	1020
ccttccttcc	cttcttccct	cccctccctc	cctcacttcc	tccctctccc	ccatccttcc	1080
attcttcccc	tccctccctt	cttcttcttc	aaccccttcc	ttccttttcc	tccctccctt	1140
ccttccctcc	ttccttcttc	cctttccaac	cccttccctc	cttttctctc	ctcccttcc	1200
tccctccctc	ccttctccct	ttccttcttt	acctccctcc	ctccctcgct	tcttctctct	1260
ttcttacttc	ttttttcaat	tctgttccat	tttgggaggt	aattataggg	atttttagcaa	1320
taacatttta	tgtcaaatgt	tgccaagtct	gtggtccatg	ggctttcatt	tctgtcacat	1380
ttcatttctt	ggaaaaggcc	tccttctctc	agtgcctgct	gaaccatctt	agggtcactc	1440
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cctcctgaga	aagtcagcca	agggcctacc	ctgatgccag	agtccttgag	ctgtcagttc	1560
ccacagttgc	tcctttgttt	gctcttctca	gcctcggcca	gatttacagt	ccaggcagca	1620
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gaacatcagg	gtgggtgggg	acaggccagt	gacgaagaga	gggacagagg	agggatggga	1740
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aactaaagga	aagcattgct	tgaagagatg	gttttgctgc	tctccttgag	gatacgtgca	1920
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tccttccttc	cttcttccct	tccttccttc	cttcttccct	tccttccttc	tttcttccct	2160
tccttccttc	cttcttccct	ctctctttct	ttcttttttt	tggttttttt	tgggacggag	2220
tctcactccg	ttgcccaggc	tggagtacaa	tgggtgcgac	ttggctcact	gcacctctgt	2280
ctcccaagtt	caagtgattc	tcctgcctga	gcctcccag	tagctgggat	tacaggtgca	2340
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aaagcgtcca	taagccacca	ttctgtggaa	ccaaggcccc	ctccacgcaa	acaccctccc	2580
tcctggggac	ctctggagcc	tcagccagaa	gtaccattaa	gtttaatttt	aatttgtttt	2640
gctggagaaa	catcaggttt	gtaggagact	gagttgttag	caggtgtgct	tagctcttga	2700
tagtgaacgt	gtaccttggg	aactggctca	cccacctgct	aatagcacca	tcgtcaccat	2760

taagcagaca	tttcagttgg	tagaatccat	gtagaagtca	tggacttttc	tgggaaatga	2820
cttttctggg	aatgacagt	ttctttgaca	tattttcttt	gccacttta	aataaaaaact	2880
ctggagaaag	taaaaaaaaa	a				2901

<210> 6350  
 <211> 2705  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2351)...(714)  
 <223> similar to gi3688089 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 6350						
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gcagcctcca	gtggcctgga	cagcagggtc	cgggagtgcc	ggctgctccc	gccccagctc	180
cctgatagat	ttattgcact	tgagaaaaag	aaagctctga	tcctctgctc	ccatcccccc	240
accctgcccc	gcctgcctg	tctggggctg	ttctgcgcct	ctcaaccacc	accagcacgc	300
accgcctctc	cggcaccagg	ctgcctgccc	ggccctgtgc	ccggggccac	aggggaccat	360
cccaccacca	cccaggacgc	ctgcccctcg	cagggcaagc	ctggccctc	cagaacaggc	420
gcctgatgtc	cttgagacc	tcctcctcct	cctgctcccc	ctcctcccat	tcacccccag	480
agtcttcag	tgctgggctc	ataaatagaa	gtgcttgagt	cacgcgcgga	gggccactcc	540
ctgtagctcc	tgcacccctt	gtagtgttgc	tgtgggggga	ggggggcccc	agaatggccc	600
ccacccttg	catcctgggc	ctcaggaagg	ctggggggaa	ggtgagcaga	ttctcatggc	660
tctggcctca	gctcatcgca	gaccgaccgg	aaaaagggaa	ctaaagtgtc	acagtgtctc	720
ctgcccggat	tcctgactgg	cttcagaag	cagctcctcg	agctccttct	cgttcttggg	780
gcagctcagt	tcgtgctcca	ggccgcagct	gcccccttg	acctcaggcc	ccgggggctg	840
ctcagggggc	agtgccaggg	cgaactcggg	cttcaggccg	ttgggcagtg	gtggccctga	900
ccgaggcggc	tccggtggtg	gctgaggctc	agaggaccct	gtgtcccggg	tgtcaatggc	960
cccgaggggg	gtctcgtccc	tctccccttc	ctcttctctc	tcttctctcc	catccagctc	1020
cgagtctgag	tctgagtccg	ggctgggtgc	ggggctgggg	gccccgttct	gcacccagc	1080
ggcgggctcg	tcgtcgggct	ggggctcggg	ggcgggtggt	tcaggcatgg	aggccgacag	1140
ctgtggcggc	tgctccttct	cctccctctc	ccgcgccagc	accaagtgtc	gcttgtagcc	1200
gttctggatc	tcggccagca	gcgccttctg	cgtctcgatg	aagctcttca	ccgcctcttt	1260
cttgggttca	cggtcgaggt	ccaggcgcag	cagtgagtgg	ttcaccttga	gggccaacga	1320
cagtgccatg	agcccgctg	tcttgatctc	gttctcccga	aggtccagtc	tcaggaggcg	1380
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accctcgctc	ccgatggggt	tgtagggcag	gttcagcgtc	tcaggctct	gagtgtgcgg	1560
cagtgtcatg	cccaggaagg	ccatgcctgt	gtgcgtgagc	tggttggtcc	acagcaccca	1620
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ctggcgcttct	ccaagtgcag	cactgccagg	ctgctgcgga	tgccgagggc	acgggccacg	1920
aagggcgccg	agtgggtccag	caggggcgtg	ttgcggggcgt	cccagatact	gcaggcagct	1980
cgtcttgccg	atcatgtggg	cggccgcctg	ccagccccgg	gtgccgatgt	gcttggtgaa	2040

ggagatgttg	aggtgggtgg	ccgactcgta	gtactcgatc	atgtcgaaga	gggccgaggc	2100
accatcttca	tccaggtttg	tctgctccag	gtccacgacc	ttgaactgca	gcctcttgaa	2160
gacctcttcc	agggcctcac	aggtcttgta	gtcaagcttc	tcacctttca	gggccagaca	2220
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cctgcagttc	agcttctggc	aggcctgctt	gtaggcgccg	atgacctcgt	ccacggtcac	2340
attctgggca	tgtctccagg	ggctcttggg	ctccactgct	ccagacacga	tatcctcgtc	2400
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ggggctggga	gaccggcct	cagctggggc	ctcttcaatg	tcgccgtccg	cgcccggcac	2520
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gggacatgcc	ccgggccccg	gatttgtctc	tccgggtccg	cccgcggtcc	cggggcatgg	2640
gctccgcgc	cgcttcaggc	gccgcctccg	tccgctctcc	tagtggtcgt	agtcgtcgcc	2700
gccgg						2705

<210> 6351

<211> 403

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (103)...(405)

<223> similar to gi300478 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6351

caagcccga	tttcttaatc	tgttacctat	ctcggcataa	ttcttcataa	aaacacaggt	60
gctctccctg	ccgatccctg	ccaactgatc	tctcaaacc	caacccttc	tacaaaacaa	120
caactccttt	ccttccctgg	catggttgga	tacttttacc	tttgataacc	tggttttgcc	180
atcctaacaa	aaccattatg	taaactcaca	aaagaaaacc	tagctgatgc	catagatcct	240
aaatcctttt	cccactcctc	tttccgttcc	ttgaagacag	cattagagaa	tgcttccaca	300
ctagctctcc	ctgactcatc	ccaacccttt	ttcattacac	acagccgaag	tgcagggctg	360
tgtggtcgaa	attcttacac	aaggactggg	accgctccct	gtg		403

<210> 6352

<211> 1415

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (124)...(472)

<223> similar to gi2822179 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 6352
cgccttgcag cgccttgcag gaattcggca cgagccgtgt tgtacggcgg cttctcgcgc 60
agctgatgac ctggaagtga tgcctaaagc tgtggaccgc gtgggctcgc ctccctggga 120
ctaggtttca gcggccgctg cgatgaccaa aataaaggca gatcccgacg ggcccgaggc 180
tcaggcggag gcgtgttccg gggagcgcac ctaccaggag ctgctgggtca accagaacct 240
catcgcgcag cccctggctt ctgcgcgcct cagcgggaag ctctacaaat gcatcaagaa 300
agcgggtgaag cagaagcaga ttccggcgcgg ggtgaaagag gttcagaaat ttgtcaacaa 360
aggagaaaaa gggatcatgg ttttggcagg agacacactg cccattgagg tatactgcc 420
tctcccagtc atgtgtgagg accgaaattt gccctatgtc tatatccctt ctaagacgga 480
cctgggtgca gccgcaggct ccaagcgccc cacctgtgtg ataatggtca agcccatga 540
ggagtaccag gaggttacg atgagtgcct ggaggagggt cagtccctgc ccctaccctt 600
atgaggggct ccggtagcac ctgggcacct gccgctggaa gctattgggc tggcagcagg 660
acgactggct gtcctcctgc ccaccacac tgacggcatc ttcccagttc cccaaggcac 720
gccttcttcc caggcagctc taacagccct ttcattgaag taatgctagt cttctgtcca 780
tcagtgccat ttcctgtaga actaaaggct gttccaagaa tgtggggtgg ggaaagtaaa 840
tgctaagact aaaatgtggg gagtctgtgg gtgttttctt aagcagcagc tgctggttgg 900
gccagcagtg tgggtggcgg gaagagtga gacgtcttcc tcagcagaga gcccaaagga 960
ctcagagggt tctgtgctga tgctcagctg cccagggtgt ggtgctttgg ctcaagctga 1020
gaactgatcc tgctgctatc ccagcatttt caactccctc ttccagggtg gatgggggct 1080
gtgaggtaag gcagggggcc cagaccactc tcatggaagc cttaaagcccc cacatcagga 1140
acacccccat tcctaactta acccaggagc cttaaatgcc actgtgaagc ttatggaagc 1200
aatttaccac ccacacagc acatttttaa taggaatatg aagctaaaat gcattcccc 1260
gagctctctt gcttaacata atggccctag taaccaatc ctttcaagta ttttagactt 1320
ggggccctt cctgtgtca gaggccagc acaggactca gtatacataa cagccaagtt 1380
caggcacctt ggaataaact ggaaatagca cgaaa 1415

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<210> 6353
<211> 5868
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (222)...(5433)
<223> similar to gi5052123 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 6353
agtccaggat gttgttaatt cagcatgcc  atcagagaac ttgctctctg catgtggcac 60
ttcagtgggt tttttgctaa tgcatgtatt caacttttaa tgctagccc caggatatag 120
tttgcaggca ctttaaatta aatggttgca gatggaatgg gaagttagag taagggtgag 180
aaaattcatt tcttctcccg accctctctt gcttttctcc taggcttggc actgctgcac 240
caccaaaggc aaacttcatt gaagctgaca agtattttct tccattcgag ctgacttgcc 300
agtccaagtc cccaagggtg gtcagcacat cccttgactg cttgcagaaa ctcatcgcat 360
acgggcacat cactggcaac gccctgaca gtggagcccc tgggaagcgg ctgatcgaca 420
gaattgttga aaccatttgc agttgttttc agggccctca gactgatgaa ggggttcagt 480
tacaataaat taaggctctt ctgactgcag tgacttcccc acacattgaa attcatgagg 540
gtactatcct gcagacagtg agaacatgtt acaatatcta tttggccagc aaaaatctca 600
tcaatcaaac cactgccaa gctaccctta ctcagatgct gaacgtcatt ttcaccgcga 660

```

tggaaaacca	agtgttgcag	gaggccagag	aactggaaaa	accaatccag	tcaaaacccc	720
agtcacctgt	gatccaagct	gcagcagtat	ccccaaagtt	cgttcgtttg	aagcacagtc	780
aggcacaag	caaaccaaca	actcccga	aaacagattt	aaccaacggt	gaacatgcc	840
ggagtgttc	tggaaaagta	agcagagaa	atggagacgc	acccagagaa	agaggctcat	900
cactgtcagg	gactgatgac	ggagcccagg	aggtggtgaa	ggacatcttg	gaagatgtag	960
tcacatctgc	cattaaagaa	gcagcggaaa	agcatggtct	gacagaacct	gagagagttc	1020
taggtgaact	ggagtgccag	gaatgtgcta	ttccccagg	agttgatgaa	aactcacaga	1080
ccaacgggat	agccgatgac	aggcagtcct	tgtcgtcagc	agataatctg	gaatcggatg	1140
cacaaggaca	tcaagtggct	gccaggttct	cccacgttct	gcagaaggat	gccttccttg	1200
tgttccgctc	cctgtgcaag	ctgtccatga	aacccttggt	tgaaggccct	ccagacccaa	1260
aatcccatga	gctgcgttcc	aaggtggttt	ccctgcagct	gctcctctct	gtgttgcaaa	1320
atgctggccc	cgtattccag	actcacgaga	tgttcatcaa	tgcaatcaag	caatatctct	1380
gtgtggcctt	gtccaaaaac	ggcgtctctt	cagtgcctga	tgtctttgag	ctctctcttg	1440
ccatctttct	tactcttctt	tcaaaactta	aaatgcactt	gaaaatgcag	atagaggctc	1500
ttttcaaaga	gattttctct	aacatttttag	aaacatcaac	aagttctttt	gagcacagg	1560
ggatggctcat	tcagactctg	acgaggatct	gtggagatgc	ccagtgtgtt	gtggatattt	1620
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tatccaaaat	tgctcaggga	agaagtggac	atgagctggg	aatgacacct	ctgcaggagc	1740
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<210> 6354

<211> 6087

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (85)...(5889)

<223> similar to gi34844 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 6355

<211> 1803

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1704)...(416)

<223> similar to gi3413320 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



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<211> 1447

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1448)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (81)...(686)

<223> similar to gi435425 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6356

ccggcgcccc	acagcaagcc	cgagccgggg	gcgccaccagc	ctctggcagc	ccgcgcccc	60
cgccgcgatt	gacatgatgt	ttcccacaaa	gcaggcattc	gggtcctcgc	cacctgagcc	120
cagcaactca	aattcaccac	ctcggactcc	tgcgaccgca	ttcaaagacg	aatttcagct	180
actgcgagct	ccagtaccac	agccctccag	ctcgaatgtg	acaagttggc	cagtgagaag	240
tcagagatgc	agcgtcacat	atgtgatcgt	actacgagat	ggtcctacgg	cttgaacatc	300
caggattgca	caaacaggct	gagatcgtca	aagggttgac	cgggtatttg	gtgcccagct	360
cctgccctac	ctttcccaag	gagcaccagc	agcaggtttt	tggggggccat	tgagagggcc	420
aagcagggtca	ccgctccctg	agctgaacgt	ctatcatcct	gacagcagct	ccaagcccca	480
ccagctgtcc	cagcttgcat	gccctggggc	ctgcccttgg	acccattac	ccgctggggc	540
tgcaagtcgc	cttcgctgnc	cggcngttca	gcgccaggcac	cggcctcctc	tcgctgtccg	600
agctgggttc	ccaggcccac	ctctccaagg	aagacaagaa	cgggcacgat	ggtgacaccc	660
accagggagg	atgatgggcg	agaagttcgg	atttagcagg	gggcccggac	agggagggtg	720
ggagggggga	cagaggggag	acagaggcac	ggagagaaag	gaatgtttag	cacaagacac	780
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cagcccagct	tgagggccac	ctctagcttt	cttcctaccc	cattcccggc	ttcctcctc	900
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gagggtcaga	tgggagacca	ggtcccaagg	gagcaagacc	tcgcaagcgc	cagcagcccc	1020
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ccctgggtact	gcatgcacgc	aatgctagct	gcccccttcc	cgctcctggg	accccgagtc	1140
tcccccgacc	ccgggtccca	ggtatgctcc	cacctccacc	tgccccactc	accacctctg	1200
ctagtctccag	acacctccac	gccacctgg	tcctctccca	tcgcccacaa	aagggggggc	1260
acgagggagc	agcttagctg	agctgggagg	agcaggggtga	gggtgggcga	cccaggattc	1320
ccctcccct	tcccaaataa	agatgagggt	actaaagttg	tcttggtttt	taattttatt	1380
attatttttt	tctttttcca	gtatactagc	ttgtcttttt	aaggaaaggg	ggatattaaa	1440
aaaaaaa						1447

<210> 6357

<211> 1010

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1011)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (743)...(39)

<223> similar to gil575505 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6357

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gcttgaagag	atgtgtgtca	atgaggactt	ccccaaaacg	gcctttatag	atcgatccca	180
caacatatct	tctgtctttt	ccagtaagtg	gagatctaaa	aagggaaaaa	ctgggtgggtt	240
ccggttagaa	ccngagaagc	ccaccctgt	atctgagccc	gtccatctga	actggttaac	300
tgtaaacaa	ggggattgag	ctgggggagg	cactttgagg	tggtagcttg	agcatcagaa	360
ttatgaccgt	ttaaattcct	tctgcagttt	actgatctgg	gtgcctttta	atcctgttcc	420

cagataagag	ttttcacttt	cttttggtttc	aatgtagtct	ttagaactgg	gtccagccct	480
tgcattctacc	acatgattcc	agtttttttt	ttgatcctgc	tggcaacttc	ttccatcttt	540
tcaaaaagca	ggacaccagg	cattgccaga	tgtctcctga	aacgagtctc	atgcaatcca	600
aaacagctct	tgggaagtcct	ttttcatagc	gtttactgtc	agtgaatcgg	agaactggag	660
gacttagctc	ctgaaatacc	agcaccctc	tatacttcgg	tacatctttg	gcttgtgaaa	720
accaaaccatc	tttttctttc	tgggcaatag	taggcctggg	ctgaagtctt	aggcacaatt	780
agctgtccac	tcagatgttg	tcaacttctc	gtcctgggtt	caggggttga	aggctgtttg	840
gtgaatcaga	gacagggatc	tttggtggga	gtcatgggtc	attcaggaag	ttgtgccttc	900
caaaagcaag	ccgttccacg	cgcaataatg	tccccgaggt	gcggagtgca	cgccaggcca	960
gtccccctca	agcgctccct	cctcatcgac	tgccttgtct	agaaagatag		1010

<210> 6358

<211> 3579

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (482)...(3103)

<223> similar to gi5757884 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6358

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gtccgcggcc	ggcacgggaa	aggagaagac	agactgctgc	tttggacctg	ttggtaatga	180
tggcctgagc	taaacatcta	actagaaggg	atacccttcc	atttcaaaga	acagaatgct	240
aaggaagctg	tggcaagtga	ttggagtgtg	gcttcaaaaa	tttcagaaat	tcagcagtat	300
tttatctgcc	aacaataagc	tctttacttg	attgcaccat	gagaaagctg	ctaataagac	360
ttgttgagca	caaaaatgga	cttgaagaac	caaaagccat	tgttttcaaa	tgaagaacac	420
tgaacagttt	taagcctcga	tgctttttaa	tcaccactga	gcttttcttc	ataacatcag	480
aatggcaagc	aggcgaaaat	caacaacacc	ttgcatgggtc	cttgccagtg	aacaagatcc	540
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caccagagca	gagagtatct	caagtgatga	agaggttcat	gaatctgtgg	attcagacaa	660
tcagcaaaaat	aaaaaagttg	aaggtggata	tgaatgtaaa	tattgtactt	ttcaaactcc	720
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ccagacaatc	tttgaacaaa	caataaatga	tctgactttt	gatggtagtt	ttgttaaaga	960
ggagaatgca	gagcaagcag	aatctacaga	agtttcttct	tcgggaatat	ctatcagtaa	1020
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cagaatacat	ccaagtactg	ccagcacggg	agtgacacca	gcagcagttc	ttcctggatt	1260
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tgtagttgg	actcccaggg	aagtagagga	ggcaagaagg	aaacaattca	atggaacagt	1560
gcatactgta	cctcagacca	taactgttat	tcctacacac	atttccacag	ggagtaattgg	1620

tttaccatct	attttacaga	catgccaaat	agttgggtcag	cctgggtctgg	tccttactca	1680
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aaaccctgat	tcatttggca	ttcgggcaaa	aaagacaaaa	gagcaactgg	cagaattaaa	1920
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aacaggcctg	acgaaaggag	agattaaaaa	atggtttagt	gacacaaggt	acaaccagag	2040
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agactccagt	gatgaaacca	cggaaatcccc	aactggttgg	actgcacagc	ctaagcaatc	2160
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gtacatTTTT	cttctaatat	gatggagaca	ttctgaatct	tagactttct	gaggggggtt	3420
aatgaccact	agagcttgtc	ctcatattca	gtccagttta	atactgtatg	tctagtaaga	3480
tgggctatat	attgcctcta	ttctttgaga	tgtgattaag	cttagaactt	tgaccaaaaa	3540
ttttacagta	aaaattgtta	aaaatgggta	aaaaaaaaa			3579

<210> 6359

<211> 2061

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (175)...(1845)

<223> similar to gi5813799 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6359

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catttacgtg	cgcaagcgg	agtggaccgg	gagctgggtg	cgatggcggg	gccgcagccc	180
ctggcgctgc	aactggaaca	gttgttgaac	ccgcgaccaa	gcgaggcgga	ccctgaagcg	240

gaccccgagg	aagccactgc	tgccaggggtg	attgacaggt	ttgatgaagg	ggaagatggg	300
gaaggtgatt	tcctagtagt	gggtagcatt	agaaaactgg	catcagcctc	cctcttggac	360
acggacaaaa	gggtattgcg	caaaaccacc	tctagaaaag	catggaatga	agaccattgg	420
gagcagactc	tccaggatcg	tctgatgagg	aaatatctga	tgaggaaggg	tctggagatg	480
aagattcaga	gggactgggt	ctggaggaat	atgatgagga	cgacctgggt	gctgctgagg	540
aacaggagtg	tggtgatcac	agggagagca	agaagagcag	aagccactct	gcaaaaaacac	600
cgggcttcag	tgtccagagt	atcagtgact	ttgagaaatt	taccaaggga	atggatgacc	660
ttgggagcag	tgaggaggag	gaagacgaag	agagtggcat	ggaagaaggg	gatgacgcgg	720
aagactccca	aggcgagagt	gaggaagaca	gggctggaga	tagaaacagt	gaggatgatg	780
gtgtggtgat	gaccttctct	agtgtcaaa	tttctgagga	agtggagaaa	ggaagagccg	840
tgaagaacca	gatagcactg	tgggaccagc	tcttggaagg	aaggatcaaa	ctacaaaaag	900
ctctgttgac	caccaaccag	cttcctcaac	cagatgtttt	cccattgttc	aaggacaaa	960
gtggcccaga	attttccagt	gccctgaaaa	atagtcacaa	ggcacttaaa	gcattgttga	1020
ggtcattggg	aggtcttcag	gaagagttgc	ttttccagta	cccagacact	agatatctag	1080
tagatgggac	aaagcccaat	gcgggaagtg	aggagatttc	tagtgaagat	gatgagctgg	1140
tagaagagaa	gaagcagcaa	cgaagaaggg	tccctgcaaa	gaggaagctg	gagatggagg	1200
actatccag	cttcatggca	aagcgctttg	ccgactttac	agtctacagg	aaccgcacac	1260
ttcagaaatg	gcacgataag	accaaactgg	cttctggaaa	actggggaag	ggttttgggtg	1320
cctttgaacg	ctcaatcttg	actcagatcg	accatattct	gatggacaaa	gagagattac	1380
ttcgaaggac	acagaccaag	cgctctgtct	atcgagttct	tggcaaacct	gagccagcag	1440
ctcagcctgt	cccagagagt	ttgccagggg	aaccggagat	ccttcctcaa	gcccctgcta	1500
atgtcatct	gaaggacttg	gatgaagaaa	tctttgatga	tgatgacttt	taccaccagc	1560
tccttcgaga	actcatagaa	cggaagacca	gctccttgga	tcccaacgat	caggtggcca	1620
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cacccagtgg	gcgctctggc	tggtgcggct	gctgggtccag	atggaggaaa	ccagtgcatt	1920
tatggggctg	agctagtagg	gaagcccctg	gaaagatgct	gcgttccgaa	cctgtgccta	1980
atacacgcaa	gggcgctgtc	ccgcccaccc	ccgccttta	acgccacaaa	taaagagcat	2040
tgttaccgcc	caaaaaaaaa	a				2061

<210> 6360

<211> 1860

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (181)...(1575)

<223> similar to gi3098311 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6360

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ccccctcgc	cctgagccag	agcaccg	gtcccgccag	ccctcacac	tccagcaaa	180
atgggcaagg	agaagacca	catcaacatc	gtggtcatcg	gccacgtgga	ctccggaaag	240
tccaccacca	cgggccacct	catctacaaa	tgcggaggta	ttgacaaaag	gaccattgag	300
aagttcgaga	aggaggcg	tgagatgggg	aagggatcct	tcaagtatgc	ctgggtgctg	360

gacaagctga	aggcggagcg	tgagcgcggc	atcaccatcg	acatctccct	ctggaagttc	420
gagaccacca	agtactacat	caccatcatc	gatgcccccg	gccaccgcga	cttcatcaag	480
aacatgatca	cgggtacatc	ccaggcggac	tgcgcagtgc	tgatcgtggc	ggcgggctg	540
ggcgagttcg	aggcgggcat	ctccaagaat	gggcagacgc	gggagcatgc	cctgctggcc	600
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gcctacagcg	agaagcgcta	cgacgagatc	gtcaaggaa	tcagcgccta	catcaagaag	720
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gcacggtgcc	cgtgggcccgcg	gtggagaccg	gcatcctgcg	gccgggcatg	gtggtgacct	1020
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tcatcgactg	ccacacagcc	cacatcgctt	gcaagtttgc	ggagctgaag	gagaagattg	1320
accggcgctc	tggcaagaag	ctggaggaca	accccaagtc	cccgaagtct	ggagacgcgg	1380
ccatcgtgga	gatggtgccc	ggaaagccca	tgtgtgtgga	gagcttctcc	cagtaccgcg	1440
ctctcgcccg	cttcgccgtg	cgcgacatga	ggcagacggt	ggccgtaggc	gtcatcaaga	1500
acgtggaaaa	gaagagcggc	ggcgccggca	aggtcaccaa	gtcggcgag	aaggcgagca	1560
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cgaaccccg	cccggccccc	gcaccgcccc	cgcggcgcg	gccgctccgg	cgccccgcac	1680
ccccgccagg	cgcattgtct	cacctccgct	ttccagaggc	cctcggtcag	cgactggatg	1740
ctcgccatca	agggtccagt	gaagttcttc	aagaggaaag	gcgccccgc	cccaggcttc	1800
cgcgccacg	gctcgccacg	ctcagtgcgc	gtttttacca	taaactgagc	gacccccaaa	1860

<210> 6361

<211> 975

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (124)...(645)

<223> similar to gi829623 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6361

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accatgtcga	gcaaaaaggc	aaagaccaag	accaccaaga	agcgccctca	gcgtgcaaca	180
tccaatgtgt	ttgccatgtt	tgaccagtca	cagattcagg	agttcaaaga	ggccttcaac	240
atgattgatc	agaacagaga	tggcttcac	gacaaggaag	atttgcatga	tatgcttgct	300
tctctaggga	agaatccac	tgatgcatac	cttgatgcca	tgatgaatga	ggccccaggg	360
cccatcaatt	tcaccatgtt	cctgaccatg	tttggtgaga	agttaaatgg	cacagatcct	420
gaagatgtca	tcagaaacgc	ctttgtctct	gctttgatga	agaagcaaca	ggcaccattc	480
aggaagatta	cctaagagag	ctgctgacaa	ccatggggga	tcggtttaca	gatgaggaag	540
tggatgagct	gtacagagaa	gcacctattg	acaaaaagg	gaatttcaat	tacatcgagt	600
tcacacgcac	cctgaaacat	ggagccaaag	acaaagatga	ctgaaagaac	tttagctaaa	660
atcttccagt	tacattgtct	tactctcttt	tacttctcag	acatttcccc	cacctcata	720

gaacctgttg	catgcaactt	agtttcacag	ctttgcctct	tctttttgat	gtattttattc	780
cagacctttc	tgccacttta	gcacttggtg	taatcagact	gggaaatggg	ggatgagggg	840
ggtaaattgt	attgaaaaag	atcgcgaaata	aaaatcaaca	aagtgtgaaa	gcccagaaaa	900
atatattcgt	atttcctggg	ttttgctggg	atttttacat	ttttatataa	taaaaatggt	960
attttgaaaa	aaaaa					975

<210> 6362

<211> 3684

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2886)...(1919)

<223> similar to gil480243 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6362						
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cacaaaagtt	tttttttgct	tttaaataaa	tttcacacat	aagaaagaga	aatatgaaag	120
cgacggtagt	gaccagccaa	gaggaataat	aattacattc	atcttaatgt	gtgtgtgccc	180
agttcctggt	tacattaaca	ttgggaaaaac	tccagacctg	gtaatccagg	aaccccaaat	240
ttgtgagtgg	aaagttttta	aaagggcacg	tggaagtcaa	agggttttct	tttttttttt	300
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ccatgcgtaa	gaaaccacia	gatccaaact	gtgtgacaag	cacctgctc	catgctgact	3120
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ctccagtgtt	taatctttaa	cgca				3684

<210> 6363  
 <211> 3624  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3625)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (3180)...(2728)  
 <223> similar to gil439654 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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catgtcataa	aatatattga	
catttctgca	acaaagaatc	



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gtttgggttc	aaatgggtta	tgaaaatact	tttgggtttc	agagcattgg	gacttttgaa	240
atgaggacct	ggatcatcct	ttattagggg	gaaatagccc	caggagccac	gtctcagcaa	300
ttccatggaa	acacagggtt	ctttgccttc	aaaattccgt	tctaccttc	tttgtcttcc	360
ttccccaaa	gaaactggac	aaaaaagggtc	agaactgtat	ttgttattca	tacatttgcg	420
ttgatttaaa	tacattacgt	acaatttcta	cattggatta	gaagaacgac	acagggggca	480
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agagggacgg	tgttccatga	gtgccaccca	gaagcctccc	ccggcattct	ggggccctgg	600
ctcttccaga	gtccacattc	aaggcaacct	gagcacaggc	ttgagggaga	gtggagaaa	660
gccaggaaag	gatgccca	ctcttgctg	ccaggcccag	gaccagctct	ctcctacact	720
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caaggccagt	gtccgagtca	gctgcatgtg	attgtcgggg	ctgggattgg	ggcagggcagg	1020
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gcacagggca	tgaacacagc	tgccccctca	gacacagatg	gcaccctttt	tactccctcc	1380
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acctgggaca	gtttgaaggc	ctctctcctt	tgggcctcac	ctttctcagg	gaagccatag	1560
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gagagagggc	tcttaaagggt	gctgctctcc	accggcttct	ctggcttttc	ctgcaccca	2640
ctccccaggc	ttcctccac	cagtctctga	caatatttcc	tctgctgccc	tctggagcta	2700
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ccaccaggct ggccccctgct tctgagagat agccccgggtt aaggncaaagg cacaaaaactc 3600
tcaagcagca agcggacgcg tggg 3624
```

```
<210> 6364
<211> 1956
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (430)...(1504)
<223> similar to gi5262472 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

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<400> 6364
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gagttttgtc caatgtaata ttcaaccgtt ttgggagggg gggattctgt actttacaga 180
taattgaaag atccgccatg atcgtttaag cattgcgttc ttggtgttct ataaactccc 240
atgtagaatc tgtttttttc ccatagggtg tgcattttctg gctctcaa atgtcccagca 300
gcactctcag cctctgccct gccaggccct gatgacacag gggttgctga cctaaccggca 360
cgttcatccc tggagaaga gggtttaccat gtggatgtaa agattgagga gtatttcgct 420
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aaatggcgcg aactcggact tctcctgtt tccccgcgtg actgtgtcaa agatgccgtg 540
gcagcagaag tgtttgatca cgtctggaca aatatggtag aacttttgga agagctgatt 600
agaaaacact gggaaactac actcacagaa gggaaaaaac agagagaaac attgaaagtg 660
gctggaaaca gatttcgcga cgtcctcgtt ccacgcgtc acgccgatgg agccagtggc 720
ccccgcctcg gacacgccga ggctcacggc atctccctgg cttctcgtct gaacctgcc 780
cagattcatc acttctccag cagtttttat agtgacatga atgggtgtcat gacaattcaa 840
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gacaaagcat cgggtggagg ggcagggtgt ctctcctccg caccgcacag actgggacgg 960
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ccttctcttg cttcagattc acagagacta aaaactccca acatctatag tgacgaagtt 1080
cttcggggaa caaaactgcc gactggcgtg gaccacatgg cttecccaact ggttcaaacg 1140
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gagtgaiaagt caaaccacc aagctgcctt gctgaiaagca tctccaaggt tctgtaggct 1740
ttgttcagaa gccctgatg tgtgtttgca gtccgtcatt ttatcaatga tacgaaaca 1800
taattagcat gtgtatgtac tcacacacta attacatgta agaatatatt atctaggaat 1860
atgtcatttg taactttgta ctctgacgta ttttctagtc tcacctatt agtaattctg 1920
tcaaaatcct agacgctagt aaatattagt atttga 1956
```

```

<210> 6365
<211> 2547
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2270)...(381)
<223> similar to gi4379097 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6365
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ccggaccacc actgtctttg gtacaataaa tagaaaaaaa gggggagagg ggcccaaggg      180
tccagtcctt agtggggagg gagcgccaa aaccctctcc ttgaccccc tgccccaggc      240
cccaatcagt gcaggcctca cccaccccag ctgggtagca gcaattccag tcaaggagag      300
agatgaggat gggagcccag ggcccccaga tgggggaggg tatggcttca ggaggggccc      360
cagggagggg gcagggtcac gagctggctg ctgtgctctg gggtagacca cggaggccca      420
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tccgagtcag gagggctgag gcagccgggt gctggggggc aggcgctggg tgaggtgggg      540
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ttggtgatgg gggacgacca aggtatcggt gctggggggg taactgggcc ccggtcccag      660
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taggtcctga tgaggtccac agagagctta cgcagcgggg ctgaggttgc atcccgaag      2160
gccaggggca gcctccgagg cagtagccgc acatcaggca atacctgcgt gtgctcctgg      2220
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```

gcacctcggc	tgccaccgcc	gctgagacct	gaaggagcgg	gcaaggggac	tcaaactgct	2400
cggggagccc	gagctcagac	ctgcccactg	gctgagggta	tccggcggac	gcggaagcc	2460
agggccccga	ttaccacgta	atgcaaccag	caaaatggcg	accacaacaa	accggccccc	2520
ccacgcctg	gactccgcc	ccatccc				2547

<210> 6366  
 <211> 4423  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (72)...(3218)  
 <223> similar to gi5499741 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 6367

<211> 1316

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1030)...(289)

<223> similar to gi471981 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6367

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ccttttttat atatatatcg tatttataac tggttacacg ttggattcat aattaggcat      60
caccagtagt agttggcaca gttttgttat ttaagctcag ggtcaagttc tgtttcattt      120
tgtcgttcca aagtacaaaa agaaaaaaaa aaatcaaagg catttcatct ccatggtggt      180
ttcttaaata cagtaatgtc ataggaaaca gtatgtacag atgagcagtg cctcctgacc      240
cctcctctgt ctcttggaaga taggggctgg ggtccgatgg agacgggtca atgcggcctg      300
ctgctggact ccgatgcctg cctcttgctg gaaggggtgt agccgttgag acagccattg      360
gtctgccggt ttggagggcc ctccattcag gatgtccctg gatgtgctgc acgatgaggt      420
tgatgggcac ccgattatc tgcactctct agggatgatc acatcagcat acttcctttg      480
gtggcaagca gaattcctca aagggcaggc ttgacgaaac gtaatgtact tgaggataaa      540
atctgctcaa gatccctgcc tctctcgtcg atgtccttta atactctgcg tgagagccgg      600
gtgtccgcat ctgtatccac aaaaagcttc atctggaaca ggtctcgtac ctttcctggg      660
agtagaaggc caggatccct tcaaagagca ccacgtctgc gggatagaca gtaactgtct      720
cctccttccg ggaatgggag acaaagtcac acacggggat ctggactgtt tcccttcag      780
tgatttcttt gagtgttttg agaatgagtt cattgtcaaa ggcacccggg tgggtcaaagt      840
tgaactggcc cttcagggct ttggccttct gctccgaggt aaggacacgg tagaagctat      900
cctggctcag gatgaccacc tgcttctggc gatagtccac ctcatctgc cccaggagct      960
gcacgatctt agcacacacg gaagacttgc cgctagctgt tccccgctg acgcctataa     1020
ggaagggctc gccgccgttg ggctgctggt ggttctgcag ggtctgctcg ctgtcccccg     1080
ccatggttcg gccgccctc ctcccgtgc ctgtgcgaac ggacgcacgc tccccgcccg     1140
cgcccgctc cgcttccctc cgcttccgc agccgacgct aggcgctgcc ggggctgacg     1200
gacgtgtccg tcgcctgcga gccgctcgga gcccggtgac ggggctgggt tccccgaagg     1260
agccaagagc cttccttctg cccgcagcgg ctgggtccgg ttacatccca ggcaga         1316
```

<210> 6368

<211> 1470

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1471)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1361)...(426)

<223> similar to gi5911924 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6368

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tttttgtacg attttaatct acagagtaaa ttattttata tacattggaa ccagttaatg      60
cccttagaca atgtatagtt gtttcataaa gcaggacaga caatgcagag ggaaacaggt     120
gccccaaaagc acagtcacag aggcttcaga aggtctagat accactacaa atcaatgctg     180
gagatcactt ctaaaacaat caacggtcaa gaggaatgct ttaatgtgga gaaaatacca     240
cgccctccgt cccaccccca aacctcccc acttttttat aaccttttca attcactatc     300
aaaagtcctg gctcttcaga tatactttaa actataaata aacactgcat agttctcttt     360
```

tgtttgtttt	gttttttgtt	ttttgaaaaa	ttattgcagt	acaattactc	ctattttggaa	420
tttagtaagg	agcaaacagc	acaggagtgt	gggcgggtccg	aatgggtcca	ggagctggcc	480
gcaggagtgc	cggaggaagc	gcagaagtct	ggaacagtgt	tgctgctgga	gcagttcgaa	540
gactgaagg	ggaactcact	gccactgctg	ctgcggctgc	tcagctgct	agaggatttg	600
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gtggatgtgc	tgtcttctgt	agtttgttgt	aaggactgta	tttaggtttc	gggggcttcc	720
cagcagctct	gtctttgtgc	cttctactgc	taatgtgctg	tttaagttgc	gtttccgagt	780
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tttcttcggg	ggggaagagg	aaccccgaa	gtatggtttc	tcgtgccgaa	ttcctgcagc	1440
gcggacgatt	ntcaaanngn	gnnggcccca				1470

<210> 6369

<211> 4176

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3891)...(1000)

<223> similar to gi4240295 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6369

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gggggattta	cttgtagtgg	caagacagac	tttttatcaa	tacagaataa	atattaacag	180
catttcgtga	gccaatgggt	gagacccaac	aaaatgtagg	gaatcaagca	tgatgtaaga	240
aataattttc	cagagaaaaa	aggatgggtg	attctcggat	gataagactg	tctttgtaaa	300
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gagaaaataa	cgagggaagt	gtttttgttc	tttttcgaac	agtttcttga	acacctccaa	720
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<210> 6370
<211> 1382
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1212)...(593)
<223> similar to gi4929693 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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tgtccactca gttggataat cagaaactgg tgcctcagcc tcgtgtgccc cgggtcatcg      180
tcttgagaaa ccaaggtctc cgctgggtcc ctaaggataa gaacttgtga gtacccact      240
ccctctacct cttcttagaa gcccaaggct cctgggtctc ctctgtcctt ggccctgccc      300
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cagatgggtg gagctctact ggaagatcgg gccaccagc accttgtgga ctttgactgc      480
caccttgatg acatccggca ggactggacc aaccagcggc tcaacactca aatcacccag      540
tgggttggtc ccactaatgg aaatggaaat gcctgagcca gggccagcgg ggcccgggtc      600
caatagtggg accaaccacac tgggtgtatt tgagtgttga gccgctggtt ggtccagtcc      660
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gcgtgtgggt accgggcagc atgcaggcac atcttcacgt aggccagggc cgagatctcc     1200
acctccccca tggcgagcga ggcttcgggt cggcgacaac gctaactcga ctgcaggta     1260
gcccgcgggc tcccggcgcc ctgggtcccg gagtccgccc ccggcccagt ccaggaggag     1320
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cc                                                                                   1382

```

```

<210> 6371
<211> 1783
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1784)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (487)...(1053)

```

<223> similar to gi4929222 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 6371
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gcttcgccac ggggactgca gtgaccccg gcttgcggca gggcgggtaa caggttgagc      180
cagggtgggg ctgctcaggg gcgtggagcc gagggcagga tttctctgaa gacccggcac      240
aggctattcc tttctgcgac gagcccattg ctatggaaac caaagcgtaa ggccagcggg      300
gattgaggct gcgggatcat gacgggtctc tctcccgaa aaccttgccct aaggcttccc      360
caagcggcta cttcctgagc gaacccgccc acccgccctga aggagagagt tttccatgga      420
cacagcctag cagaaagacg cagccttcgt gcttcgctga ctgctgacca ctgaccacc      480
gccttgatga cagcaccctc gtgtgccttc ccagttcagt tccggcagcc ctgagtcagc      540
ggcctctcgc agataaacca aagcctgtat atcagcaatg gtgtggccgc caacaacaag      600
ctcatgctgt ctagcaacca gatcaccatg gtcataatg tctcagtga ggtagtgaac      660
accttgatat aggatatcca gtacatgcag gtacctgtgg ctgactcccc taactcacgt      720
ctctgtgact tctttgacct tattgtctgac catatccaca gcgtggagat gaagcagggc      780
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cctcatgaag taccacgcca tgtccctgct ggacgcccac acgtggacca agtcatgccg      900
gcccacatc cgacccaaca gcggcttttg ggagcagctc atccactatg agttccaatt      960
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cttttaactt tataatccat tttttttaag attaaactaa ttgtgagatg gtgaagataa     1260
attttctgcc ctgtgagtga cactggccag gggatagggt gaggcagatg gtgcccagaa     1320
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cagattgacc caggaatgaa tctgctacaa ttccacctca ttctttcaca ccagagacca     1440
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aatggccttc aggcaggtgc tccaggaatc ctgggggggt cccagggcca cctctggttt     1560
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gttttttaaa aggaaaggca ttccactgtt gttaaatttt ttttngtct ttttttttgg     1680
aaactgttcc ntgcttntgt tccccatcc ggggggnttg cagtagtggt gatccagggg     1740
ctcantgtag gccacaacnt ttnaggggtt caagngatcc ctt                               1783

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<210> 6372

<211> 4213

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (24)...(3177)

<223> similar to gi31438 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6372

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tgcgcgcgc	accaggggtc	gggggcttca	acttagacgc	ggaggcccca	gcagtaactct	180
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gggtcagtg	gctgggtgga	gcacccaagg	ctaataccag	ccagccagga	gtgctgcagg	300
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tcttggcatg	cgctccactg	tacagctggc	gcacagagaa	ggagccactg	agcgacccccg	540
tgggcacctg	ctacctctcc	acagataact	tcacccgaat	tctggagtat	gcaccctgcc	600
gctcagattt	cagctgggca	gcaggacagg	gttactgcca	aggaggcttc	agtgcgcag	660
tcaccaagac	tggcctgtg	gttttaggtg	gaccaggaag	ctatttctgg	caaggccaga	720
tcctgtctgc	cactcaggag	cagattgcag	aatcttatta	ccccgagtac	ctgatcaacc	780
tggttcaggg	gcagctgcag	actcgccagg	ccagttccat	ctatgatgac	agctacctag	840
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gaaaacacgt	tgctgactcc	attggtttca	cagtggaaact	tcagctggac	tggcagaagc	1680
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tgactgatg	ctgcccctca	tctctctgcc	caacccttcc	ctcaccttgg	caccagacac	4140
ccaggactta	tttaaaactct	gttgcaagt	caataaatct	gacccagtgc	ccccactgac	4200
cagaaaaaaa	aaa					4213

<210> 6373

<211> 3439

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (704)...(3283)

<223> similar to gi3132526 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6373

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cgcaggcggc	gcggggaggc	gtcccagagt	ctcactctgc	cgcccaggct	ggactgcagt	180
gacacaatct	cggctgactg	caaccactgc	ctccaggggt	caagcgattc	tcttgccctca	240
gcctcccaag	tagctgggat	tacagattga	tgttcatgtt	cctggcacta	ctacaagatt	300
catactcctg	atgctactga	caacgtggct	tctccacagt	caccaaacca	gggatgctat	360
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gtatttctgt	ggctctctctg	atgctgtatt	gaaagatggg	tatttcagaa	atttaaaggc	1140
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<210> 6374

<211> 6191

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5553)...(1360)

<223> similar to gi2570024 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6374

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gggaaggaac	cacaaaattt	aaaacaaaca	gaaaccaaat	tcttgatag	cttttagcat	180
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aacaaggtgg	ggcaggggaag	ggtatgatgg	gaaaggagaa	agacttaggg	ggaaaaaaga	300
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<210> 6375

<211> 1749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (99)...(1206)

<223> similar to gi3873707 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6375

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<210> 6376

<211> 3884

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (548)...(3887)

<223> similar to gi3882149 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



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<210> 6377

<211> 2490

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (18)...(1481)

<223> similar to gi3647275 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 6377

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